EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	136	"434"/$.ccls. and vascular	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2007/07/25 08:05
S2	41	S1 and vein	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2007/07/25 08:05
S3	133	("3226846" | "3304434" | "3541541" | "3748366" | "3775865" | "4321047" | "4360345" | "4409479" | "4459113" | "4490810" | "4642055" | "4712101" | "4726772" | "4767333" | "4773865" | "4789340" | "4804328" | "4807158" | "4867168" | "4867685" | "4879668" | "4907973" | "4936862" | "5044956" | "5077608" | "5086401" | "5099846" | "5112228" | "5130794" | "5137458" | "5149270" | "5185561" | "5205289" | "5220260" | "5222499" | "5261404" | "5273038" | "5295694" | "5311422" | "5320326" | "5320537" | "5320538" | "5322441" | "5333106" | "5338198" | "5343871" | "5354202" | "5376007" | "5377116" | "5385474" | "5389865" | "5391081" | "5403191" | "5414337" | "5438529" | "5451924" | "5454722" | "5459382" | "5482472" | "5483254" | "5483961" | "5509810" | "5510832" | "5513992" | "5518406" | "5531227" | "5546943" | "5552995" | "5559412" | "5576727" | "5589854" | "5593306" | "5609485" | "5623582" | "5629594" | "5666138" | "5682886" | "5687259" | "5691898" | "5701140" | "5704791" | "5721566" |	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/22 12:43

		"5722836" | "5724264" | "5731804" | "5734373" | "5739811" | "5740802" | "5742278" | "5755577" | "5766016" | "5767839" | "5768134" | "5769640" | "5791908" | "5800177" | "5800178" | "5800179" | "5805140" | "5807115" | "5821920" | "5825308" | "5825841" | "5828197" | "5853292" | "5873731" | "5873732" | "5880976" | "5882206" | "5882207" | "5890908" | "5891131" | "5909380" | "5941710" | "5945056" | "5947743" | "5950629" | "5951301" | "5956040" | "5967790" | "5995738" | "6038488" | "6106301" | "D233238" | "D272833").PN. OR ("D392878").PN. OR ("6470302").URPN.				
S4	11	(("20030069719") or ("20040002045") or ("3722108") or ("6568941") or ("6470302")).PN.	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2007/07/25 12:53
S5	49	(("20050214725") or "20050214724") or ("5620419") or ("6296847") or ("5281199") or ("5350360") or ("5417656") or ("5476451") or ("5503630") or ("5527277") or ("5527278") or ("5531684") or ("5542923") or ("5556381") or ("5792123") or ("6190352") or ("5792104") or ("6527754") or ("20030181878") or ("20040204692") or ("5749371") or ("6761725") or ("6475753") or ("5520632") or ("20040176690") or ("20050157939") or ("5599317") or	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/25 12:39

		("20060224129") or ("4915113") or ("5931829") or ("6238369") or ("5460612") or ("5531701") or ("5533988") or ("6197001") or ("4772261") or ("4822341") or ("5332398") or ("5421814") or ("5562617") or ("5713859") or ("5755780") or ("5944688") or ("5989206") or ("5989239") or ("6056717") or ("6228088") or ("4318401") or ("5176653")).PN.				
S6	133	"3226846"	"3304434"	"3541541"	"3748366"	"3775865"	"4321047"	"4360345"	"4409479"	"4459113"	"4490810"	"4642055"	"4712101"	"4726772"	"4767333"	"4773865"	"4789340"	"4804328"	"4807158"	"4867168"	"4867685"	"4879668"	"4907973"	"4936862"	"5044956"	"5077608"	"5086401"	"5099846"	"5112228"	"5130794"	"5137458"	"5149270"	"5185561"	"5205289"	"5220260"	"5222499"	"5261404"	"5273038"	"5295694"	"5311422"	"5320326"	"5320537"	"5320538"	"5322441"	"5333106"	"5338198"	"5343871"	"5354202"	"5376007"	"5377116"	"5385474"	"5389865"	"5391081"	"5403191"	"5414337"	"5438529"	"5451924"	"5454722"	"5459382"	"5482472"	"5483254"	"5483961"	"5509810"	"5510832"	"5513992"	"5518406"	"5531227"	"5546943"	"5552995"		US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/22 12:43

		"5559412" | "5576727" | "5589854" | "5593306" | "5609485" | "5623582" | "5629594" | "5666138" | "5682886" | "5687259" | "5691898" | "5701140" | "5704791" | "5721566" | "5722836" | "5724264" | "5731804" | "5734373" | "5739811" | "5740802" | "5742278" | "5755577" | "5766016" | "5767839" | "5768134" | "5769640" | "5791908" | "5800177" | "5800178" | "5800179" | "5805140" | "5807115" | "5821920" | "5825308" | "5825841" | "5828197" | "5853292" | "5873731" | "5873732" | "5880976" | "5882206" | "5882207" | "5890908" | "5891131" | "5909380" | "5941710" | "5945056" | "5947743" | "5950629" | "5951301" | "5956040" | "5967790" | "5995738" | "6038488" | "6106301" | "D233238" | "D272833").PN. OR ("D392878").PN. OR ("6470302").URPN.				
S7	1	S6 and skin and vein and palpat$4	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/22 13:07
S8	137	"434"/$.ccls. and vascular	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2007/09/22 13:07
S9	41	S8 and vein	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2007/09/22 13:07
S10	11	(("20030069719") or ("20040002045") or ("3722108") or ("6568941") or ("6470302")).PN.	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2007/09/22 13:07

S11	49	(("20050214725") or "20050214724") or ("5620419") or ("6296847") or ("5281199") or ("5350360") or ("5417656") or ("5476451") or ("5503630") or ("5527277") or ("5527278") or ("5531684") or ("5542923") or ("5556381") or ("5792123") or ("6190352") or ("5792104") or ("6527754") or ("20030181878") or ("20040204692") or ("5749371") or ("6761725") or ("6475753") or ("5520632") or ("20040176690") or ("20050157939") or ("5599317") or ("20060224129") or ("4915113") or ("5931829") or ("6238369") or ("5460612") or ("5531701") or ("5533988") or ("6197001") or ("4772261") or ("4822341") or ("5332398") or ("5421814") or ("5562617") or ("5713859") or ("5755780") or ("5944688") or ("5989206") or ("5989239") or ("6056717") or ("6228088") or ("4318401") or ("5176653")).PN.	US-PGPUB; USPAT; USOCR	OR		OFF	2007/09/22 13:07
S12	314	S8 or S9 or S6 or S10 or S11	US-PGPUB; USPAT; USOCR	OR		OFF	2007/09/22 13:08
S13	129	S12 and (vein or artery)	US-PGPUB; USPAT; USOCR	OR		OFF	2007/09/22 13:08
S14	41	S13 and palpat$4	US-PGPUB; USPAT; USOCR	OR		OFF	2007/09/22 13:09

S15	5	S14 and stiffness	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/22 13:09
S16	9	S14 and stretch	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/22 13:23
S17	13	S13 and stretch	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/22 13:26
S18	17	S13 and stiffness	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/22 13:37
S19	2	(("3947974") or ("20040048230")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/22 13:42
S20	6	(("4360345") or ("4915635") or ("3520071") or ("6638073") or ("20040048230")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/22 13:43
S21	0	("vascularaccess").PN.	USPAT; USOCR	OR	OFF	2007/09/22 13:50
S22	3397	"vascular access"	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2007/09/22 13:50
S23	311	S22 and simulat$4	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2007/09/22 13:51
S24	11	S23 and "434"/$.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2007/09/22 13:51
S25	12	S22 and "434"/$.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2007/09/25 13:28
S26	1664	434/262-275.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2007/09/22 13:57
S27	288	S26 and magnet$4	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2007/09/22 13:57
S28	60	S27 and (vein or artery)	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2007/09/22 13:58
S29	35	"434"/$.ccls. and (vein or artery) and occlusion	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2007/09/25 10:58
S30	0	"434"/$.ccls. and (vein or artery) and (position near measure)	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2007/09/25 10:58
S31	10	"434"/$.ccls. and (skin near stretch)	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2007/09/25 11:19

S32	3	"434"/262-275.ccls. and (vein or artery) near (stiff $4 or rigid$4)	US-PGPUB, USPAT; USOCR; FPRS	OR	OFF	2007/09/25 11:20
S33	3398	"VASCULAR ACCESS"	US-PGPUB, USPAT; USOCR; FPRS	OR	OFF	2007/09/25 13:29
S34	0	S33 and 434/S.ccls.	US-PGPUB, USPAT; USOCR; FPRS	OR	OFF	2007/09/25 13:29
S35	12	S33 and "434"/$.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2007/09/25 13:29
S36	133	("3226846" | "3304434" | "3541541" | "3748366" | "3775865" | "4321047" | "4360345" | "4409479" | "4459113" | "4490810" | "4642055" | "4712101" | "4726772" | "4767333" | "4773865" | "4789340" | "4804328" | "4807158" | "4867168" | "4867685" | "4879668" | "4907973" | "4936862" | "5044956" | "5077608" | "5086401" | "5099846" | "5112228" | "5130794" | "5137458" | "5149270" | "5185561" | "5205289" | "5220260" | "5222499" | "5261404" | "5273038" | "5295694" | "5311422" | "5320326" | "5320537" | "5320538" | "5322441" | "5333106" | "5338198" | "5343871" | "5354202" | "5376007" | "5377116" | "5385474" | "5389865" | "5391081" | "5403191" | "5414337" | "5438529" | "5451924" | "5454722" | "5459382" | "5482472" | "5483254" | "5483961" | "5509810" | "5510832" | "5513992" | "5518406" | "5531227" | "5546943" | "5552995" | "5559412" | "5576727" | "5589854" | "5593306" | "5609485" | "5623582" | "5629594" | "5666138" | "5682886" | "5687259" | "5691898" | "5701140" | "5704791" | "5721566" | "5722836" | "5724264" | "5731804" | "5734373" |	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/05 19:10

		"5739811" | "5740802" | "5742278" | "5755577" | "5766016" | "5767839" | "5768134" | "5769640" | "5791908" | "5800177" | "5800178" | "5800179" | "5805140" | "5807115" | "5821920" | "5825308" | "5825841" | "5828197" | "5853292" | "5873731" | "5873732" | "5880976" | "5882206" | "5882207" | "5890908" | "5891131" | "5909380" | "5941710" | "5945056" | "5947743" | "5950629" | "5951301" | "5956040" | "5967790" | "5995738" | "6038488" | "6106301" | "D233238" | "D272833").PN. OR ("D392878").PN. OR ("6470302").URPN.				
S37	142	"434"/$.ccls. and vascular	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/01/05 19:10
S38	42	S37 and vein	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/01/05 19:10
S39	49	(("20050214725") or ("20050214724") or ("5620419") or ("6296847") or ("5281199") or ("5350360") or ("5417656") or ("5476451") or ("5503630") or ("5527277") or ("5527278") or ("5531684") or ("5542923") or ("5556381") or ("5792123") or ("6190352") or ("5792104") or ("6527754") or ("20030181878") or ("20040204692") or ("5749371") or ("6761725") or ("6475753") or ("5520632") or ("20040176690") or ("20050157939") or ("5599317") or	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/05 19:10

		("20060224129") or ("4915113") or ("5931829") or ("6238369") or ("5460612") or ("5531701") or ("5533988") or ("6197001") or ("4772261") or ("4822341") or ("5332398") or ("5421814") or ("5562617") or ("5713859") or ("5755780") or ("5944688") or ("5989206") or ("5989239") or ("6056717") or ("6228088") or ("4318401") or ("5176653")).PN.				
S40	11	(("20030069719") or ("20040002045") or ("3722108") or ("6568941") or ("6470302")).PN.	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2008/01/05 19:10
S41	133	("3226846" | "3304434" | "3541541" | "3748366" | "3775865" | "4321047" | "4360345" | "4409479" | "4459113" | "4490810" | "4642055" | "4712101" | "4726772" | "4767333" | "4773865" | "4789340" | "4804328" | "4807158" | "4867168" | "4867685" | "4879668" | "4907973" | "4936862" | "5044956" | "5077608" | "5086401" | "5099846" | "5112228" | "5130794" | "5137458" | "5149270" | "5185561" | "5205289" | "5220260" | "5222499" | "5261404" | "5273038" | "5295694" | "5311422" | "5320326" | "5320537" | "5320538" | "5322441" | "5333106" | "5338198" | "5343871" | "5354202" | "5376007" | "5377116" | "5385474" | "5389865" | "5391081" | "5403191" | "5414337" | "5438529" | "5451924" | "5454722" | "5459382" |	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/05 19:10

		"5482472" | "5483254" | "5483961" | "5509810" | "5510832" | "5513992" | "5518406" | "5531227" | "5546943" | "5552995" | "5559412" | "5576727" | "5589854" | "5593306" | "5609485" | "5623582" | "5629594" | "5666138" | "5682886" | "5687259" | "5691898" | "5701140" | "5704791" | "5721566" | "5722836" | "5724264" | "5731804" | "5734373" | "5739811" | "5740802" | "5742278" | "5755577" | "5766016" | "5767839" | "5768134" | "5769640" | "5791908" | "5800177" | "5800178" | "5800179" | "5805140" | "5807115" | "5821920" | "5825308" | "5825841" | "5828197" | "5853292" | "5873731" | "5873732" | "5880976" | "5882206" | "5882207" | "5890908" | "5891131" | "5909380" | "5941710" | "5945056" | "5947743" | "5950629" | "5951301" | "5956040" | "5967790" | "5995738" | "6038488" | "6106301" | "D233238" | "D272833").PN. OR ("D392878").PN. OR ("6470302").URPN.				
S42	142	"434"/$.ccls. and vascular	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/01/05 19:10
S43	49	(("20050214725") or "20050214724") or ("5620419") or ("6296847") or ("5281199") or ("5350360") or ("5417656") or ("5476451") or ("5503630") or ("5527277") or ("5527278") or ("5531684") or ("5542923") or ("5556381") or ("5792123") or ("6190352") or ("5792104") or	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/05 19:10

("6527754") or
("20030181878") or
("20040204692") or
("5749371") or
("6761725") or
("6475753") or
("5520632") or
("20040176690") or
("20050157939") or
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("5421814") or
("5562617") or
("5713859") or
("5755780") or
("5944688") or
("5989206") or
("5989239") or
("6056717") or
("6228088") or
("4318401") or
("5176653")).PN.

S44	11	(("20030069719") or ("20040002045") or ("3722108") or ("6568941") or ("6470302")).PN.	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2008/01/05 19:10
S45	42	S42 and vein	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/01/05 19:10
S46	319	S42 or S45 or S41 or S44 or S43	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/05 19:10
S47	131	S46 and (vein or artery)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/05 19:10
S48	42	S47 and palpat$4	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/05 19:10
S49	5	S48 and stiffness	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/05 19:10
S50	3519	"vascular access"	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/01/05 19:10
S51	9	S48 and stretch	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/05 19:10

S52	1	S41 and skin and vein and palpat$4	US-PGPUB, USPAT, USOCR	OR	OFF	2008/01/05 19:10
S53	13	S47 and stretch	US-PGPUB, USPAT, USOCR	OR	OFF	2008/01/05 19:10
S54	0	("vascularaccess").PN.	USPAT, USOCR	OR	OFF	2008/01/05 19:10
S55	17	S47 and stiffness	US-PGPUB, USPAT, USOCR	OR	OFF	2008/01/05 19:10
S56	2	(("3947974") or ("20040048230")).PN.	US-PGPUB, USPAT, USOCR	OR	OFF	2008/01/05 19:10
S57	6	(("4360345") or ("4915635") or ("3520071") or ("6638073") or ("20040048230")).PN.	US-PGPUB, USPAT, USOCR	OR	OFF	2008/01/05 19:10
S58	325	S50 and simulat$4	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/01/05 19:10
S59	11	S58 and "434"/$.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/01/05 19:10
S60	12	S50 and "434"/$.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/01/05 19:10
S61	1690	434/262-275.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/01/05 19:10
S62	293	S61 and magnet$4	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/01/05 19:10
S63	60	S62 and (vein or artery)	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/01/05 19:10
S64	0	"434"/$.ccls. and (vein or artery) and (position near measure)	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/01/05 19:10
S65	3	"434"/262-275.ccls. and (vein or artery) near (stiff $4 or rigid$4)	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/01/05 19:10
S66	10	"434"/$.ccls. and (skin near stretch)	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/01/05 19:10
S67	36	"434"/$.ccls. and (vein or artery) and occlusion	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/01/05 19:10
S68	3519	"VASCULAR ACCESS"	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/01/05 19:10

S69	12	S68 and "434"/$.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/01/05 19:22
S70	0	S68 and 434/S.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/01/05 19:10
S72	17	(("3704529") or ("4134218") or ("4850960") or ("5472345") or ("5821920") or ("5853292") or ("6038488") or ("6088020") or ("6527558") or ("6538634") or ("7182602") or ("20030031993") or ("20030210259") or ("20040024418") or ("20040030303") or ("20040076940") or ("20040097806")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/05 20:25
S73	68	"434"/$.ccls. and magnet $4 and "force feedback"	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/01/05 20:27
S74	1	"6106301".pn.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/01/05 20:27
S75	5	("3919691" | "4840567" | "5719561" | "6326901" | "6694652").PN. OR ("72711707").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/05 20:45
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S79	43	S78 and (artery or vein or vascular)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/05 21:08
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S97	43	S96 and vein	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/04/14 06:26
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S100	326	S96 or S97 or S94 or S98 or S99	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/14 06:26
S101	134	S100 and (vein or artery)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/14 06:26
S102	43	S101 and palpat$4	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/14 06:26
S103	5	S102 and stiffness	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/14 06:26
S104	9	S102 and stretch	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/14 06:26
S105	13	S101 and stretch	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/14 06:26
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S111	347	S110 and simulat$4	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/04/14 06:26
S112	11	S111 and "434"/$.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/04/14 06:26
S113	12	S110 and "434"/$.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/04/14 06:26
S114	1734	434/262-275.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/04/14 06:26
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S118	0	"434"/$.ccls. and (vein or artery) and (position near measure)	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/04/14 06:26
S119	10	"434"/$.ccls. and (skin near stretch)	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/04/14 06:26
S120	3	"434"/262-275.ccls. and (vein or artery) near (stiff $4 or rigid$4)	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/04/14 06:26
S121	3672	"VASCULAR ACCESS"	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/04/14 06:26
S122	0	S121 and 434/S.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/04/14 06:26
S123	12	S121 and "434"/$.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/04/14 06:26

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		"5909380" | "5941710" | "5945056" | "5947743" | "5950629" | "5951301" | "5956040" | "5967790" | "5995738" | "6038488" | "6106301" | "D233238" | "D272833").PN. OR ("D392878").PN. OR ("6470302").URPN.				
S125	149	"434"/$.ccls. and vascular	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/04/14 06:26
S126	43	S125 and vein	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/04/14 06:26
S127	49	(("20050214725") or ("20050214724") or ("5620419") or ("6296847") or ("5281199") or ("5350360") or ("5417656") or ("5476451") or ("5503630") or ("5527277") or ("5527278") or ("5531684") or ("5542923") or ("5556381") or ("5792123") or ("6190352") or ("5792104") or ("6527754") or ("20030181878") or ("20040204692") or ("5749371") or ("6761725") or ("6475753") or ("5520632") or ("20040176690") or ("20050157939") or ("5599317") or ("20060224129") or ("4915113") or ("5931829") or ("6238369") or ("5460612") or ("5531701") or ("5533988") or ("6197001") or ("4772261") or ("4822341") or ("5332398") or ("5421814") or ("5562617") or	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/14 06:26

		("5713859") or ("5755780") or ("5944688") or ("5989206") or ("5989239") or ("6056717") or ("6228088") or ("4318401") or ("5176653")).PN.				
S128	11	(("20030069719") or ("20040002045") or ("3722108") or ("6568941") or ("6470302")).PN.	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2008/04/14 06:26
S129	133	("3226846" | "3304434" | "3541541" | "3748366" | "3775865" | "4321047" | "4360345" | "4409479" | "4459113" | "4490810" | "4642055" | "4712101" | "4726772" | "4767333" | "4773865" | "4789340" | "4804328" | "4807158" | "4867168" | "4867685" | "4879668" | "4907973" | "4936862" | "5044956" | "5077608" | "5086401" | "5099846" | "5112228" | "5130794" | "5137458" | "5149270" | "5185561" | "5205289" | "5220260" | "5222499" | "5261404" | "5273038" | "5295694" | "5311422" | "5320326" | "5320537" | "5320538" | "5322441" | "5333106" | "5338198" | "5343871" | "5354202" | "5376007" | "5377116" | "5385474" | "5389865" | "5391081" | "5403191" | "5414337" | "5438529" | "5451924" | "5454722" | "5459382" | "5482472" | "5483254" | "5483961" | "5509810" | "5510832" | "5513992" | "5518406" | "5531227" | "5546943" | "5552995" | "5559412" | "5576727" | "5589854" | "5593306" | "5609485" | "5623582" | "5629594" | "5666138" | "5682886" | "5687259" | "5691898" | "5701140" | "5704791" | "5721566" | "5722836" | "5724264" |	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/14 06:26

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S130	149	"434"/$.ccls. and vascular	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/04/14 06:26
S131	49	(("20050214725") or ("20050214724") or ("5620419") or ("6296847") or ("5281199") or ("5350360") or ("5417656") or ("5476451") or ("5503630") or ("5527277") or ("5527278") or ("5531684") or ("5542923") or ("5556381") or ("5792123") or ("6190352") or ("5792104") or ("6527754") or ("20030181878") or ("20040204692") or ("5749371") or ("6761725") or ("6475753") or ("5520632") or ("20040176690") or ("20050157939") or ("5599317") or ("20060224129") or ("4915113") or ("5931829") or	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/14 06:26

		("6238369") or ("5460612") or ("5531701") or ("5533988") or ("6197001") or ("4772261") or ("4822341") or ("5332398") or ("5421814") or ("5562617") or ("5713859") or ("5755780") or ("5944688") or ("5989206") or ("5989239") or ("6056717") or ("6228088") or ("4318401") or ("5176653")).PN.				
S132	11	(("20030069719") or ("20040002045") or ("3722108") or ("6568941") or ("6470302")).PN.	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2008/04/14 06:26
S133	43	S130 and vein	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/04/14 06:26
S134	326	S130 or S133 or S129 or S132 or S131	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/14 06:26
S135	134	S134 and (vein or artery)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/14 06:26
S136	43	S135 and palpat$4	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/14 06:26
S137	5	S136 and stiffness	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/14 06:26
S138	3672	"vascular access"	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/04/14 06:26
S139	9	S136 and stretch	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/14 06:26
S140	1	S129 and skin and vein and palpat$4	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/14 06:26
S141	13	S135 and stretch	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/14 06:26
S142	0	("vascularaccess").PN.	USPAT; USOCR	OR	OFF	2008/04/14 06:26
S143	18	S135 and stiffness	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/14 06:26
S144	2	(("3947974") or ("20040048230")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/14 06:26

S145	6	(("4360345") or "4915635") or "3520071") or "6638073") or "20040048230")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/14 06:26
S146	347	S138 and simulat$4	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/04/14 06:26
S147	11	S146 and "434"/$.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/04/14 06:26
S148	12	S138 and "434"/$.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/04/14 06:26
S149	1734	434/262-275.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/04/14 06:26
S150	310	S149 and magnet$4	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/04/14 06:26
S151	63	S150 and (vein or artery)	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/04/14 06:26
S152	0	"434"/$.ccls. and (vein or artery) and (position near measure)	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/04/14 06:26
S153	3	"434"/262-275.ccls. and (vein or artery) near (stiff $4 or rigid$4)	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/04/14 06:26
S154	10	"434"/$.ccls. and (skin near stretch)	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/04/14 06:26
S155	37	"434"/$.ccls. and (vein or artery) and occlusion	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/04/14 06:26
S156	3672	"VASCULAR ACCESS"	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/04/14 06:26
S157	12	S156 and "434"/$.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/04/14 06:26
S158	0	S156 and 434/S.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/04/14 06:26

S159	17	(("3704529") or "4134218") or "4850960") or "5472345") or "5821920") or "5853292") or "6038488") or "6088020") or "6527558") or "6538634") or "7182602") or "20030031993") or "20030210259") or "20040024418") or "20040030303") or "20040076940") or "20040097806")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/14 06:26
S160	70	"434"/$.ccls. and magnet $4 and "force feedback"	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/04/14 06:26
S161	1	"6106301".pn.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/04/14 06:26
S162	5	("3919691" | "4840567" | "5719561" | "6326901" | "6694652").PN. OR ("7271707").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/14 06:26
S163	133	("3226846"	"3304434"	"3541541"	"3748366"	"3775865"	"4321047"	"4360345"	"4409479"	"4459113"	"4490810"	"4642055"	"4712101"	"4726772"	"4767333"	"4773865"	"4789340"	"4804328"	"4807158"	"4867168"	"4867685"	"4879668"	"4907973"	"4936862"	"5044956"	"5077608"	"5086401"	"5099846"	"5112228"	"5130794"	"5137458"	"5149270"	"5185561"	"5205289"	"5220260"	"5222499"	"5261404"	"5273038"	"5295694"	"5311422"	"5320326"	"5320537"	"5320538"	"5322441"	"5333106"	"5338198"	"5343871"	"5354202"	"5376007"	"5377116"	"5385474"	"5389865"	"5391081"	"5403191"	"5414337"	"5438529"	"5451924"		US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/14 06:26

		"5454722" | "5459382" | "5482472" | "5483254" | "5483961" | "5509810" | "5510832" | "5513992" | "5518406" | "5531227" | "5546943" | "5552995" | "5559412" | "5576727" | "5589854" | "5593306" | "5609485" | "5623582" | "5629594" | "5666138" | "5682886" | "5687259" | "5691898" | "5701140" | "5704791" | "5721566" | "5722836" | "5724264" | "5731804" | "5734373" | "5739811" | "5740802" | "5742278" | "5755577" | "5766016" | "5767839" | "5768134" | "5769640" | "5791908" | "5800177" | "5800178" | "5800179" | "5805140" | "5807115" | "5821920" | "5825308" | "5825841" | "5828197" | "5853292" | "5873731" | "5873732" | "5880976" | "5882206" | "5882207" | "5890908" | "5891131" | "5909380" | "5941710" | "5945056" | "5947743" | "5950629" | "5951301" | "5956040" | "5967790" | "5995738" | "6038488" | "6106301" | "D233238" | "D272833").PN. OR ("D392878").PN. OR ("6470302").URPN.				
S164	1731	434/ 262-275.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/14 06:26
S165	87	S164 and palpat$4	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/14 06:26
S166	44	S165 and (artery or vein or vascular)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/14 06:26
S167	48	S165 and (arter$4 or vein or vascular)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/14 06:26
S168	8	("5073140" | "5733131" | "5823787" | "5941710" | "6215057").PN. OR ("6461165").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/14 06:26
S169	49	S165 and (arter$4 or vein or vascular or "blood vessel")	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/14 06:26

S170	28	S165 and pulse	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/14 06:26
S171	8	("2451200" | "2871579" | "3055356" | "3662076" | "4182054").PN. OR ("4380439").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/14 06:26
S172	24	("3055356" | "3154881" | "3562925" | "3564729"). PN. OR ("3662076").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/14 06:26
S173	24	("3055356" | "3154881" | "3562925" | "3564729"). PN. OR ("3662076").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/14 06:26
S174	1	"7202851".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/14 06:26
S175	260	("20010016804" | "20020021277" | "20030031993" | "2832073" | "2972140" | "3157853" | "3220121" | "3226846" | "3497668" | "3517446" | "3520060" | "3623064" | "3662076" | "3775865" | "3902687" | "3903614" | "3911416" | "3919691" | "3994282" | "4052981" | "4127752" | "4160508" | "4236325" | "4262549" | "4321047" | "4333070" | "4360345" | "4391282" | "4439162" | "4459113" | "4464117" | "4484191" | "4513235" | "4581491" | "4599070" | "4638798" | "4642055" | "4664130" | "4685464" | "4708656" | "4713007" | "4726772" | "4750487" | "4773865" | "4787051" | "4789340" | "4791934" | "4794392" | "4795296" | "4825872" | "4868549" | "4885565" | "4891764" | "4896554" | "4907973" | "4930770" | "4934694" | "4949119" | "5019761" | "5022384" | "5022407" | "5035242" | "5038089" | "5044956" | "5050608" | "5078152" | "5086401" | "5107262" | "5112228" | "5121747" | "5131844" | "5137458" | "5146566" | "5149270" | "5165897" | "5175459" | "5184319" |	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/14 06:26

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S177	17	S149 and "magnetic force"	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/04/14 06:30
S178	1	("4134218").PN.	USPAT; USOCR	OR	OFF	2008/04/14 06:41
S179	1	S149 and hoballah.in.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/04/14 08:16
S180	166	"434"/$.ccls. and vascular	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/12/07 12:35
S181	47	S180 and vein	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/12/07 12:35

| S182 | 135 | ("3226846" \| "3304434" \| "3541541" \| "3748366" \| "3775865" \| "4321047" \| "4360345" \| "4409479" \| "4459113" \| "4490810" \| "4642055" \| "4712101" \| "4726772" \| "4767333" \| "4773865" \| "4789340" \| "4804328" \| "4807158" \| "4867168" \| "4867685" \| "4879668" \| "4907973" \| "4936862" \| "5044956" \| "5077608" \| "5086401" \| "5099846" \| "5112228" \| "5130794" \| "5137458" \| "5149270" \| "5185561" \| "5205289" \| "5220260" \| "5222499" \| "5261404" \| "5273038" \| "5295694" \| "5311422" \| "5320326" \| "5320537" \| "5320538" \| "5322441" \| "5333106" \| "5338198" \| "5343871" \| "5354202" \| "5376007" \| "5377116" \| "5385474" \| "5389865" \| "5391081" \| "5403191" \| "5414337" \| "5438529" \| "5451924" \| "5454722" \| "5459382" \| "5482472" \| "5483254" \| "5483961" \| "5509810" \| "5510832" \| "5513992" \| "5518406" \| "5531227" \| "5546943" \| "5552995" \| "5559412" \| "5576727" \| "5589854" \| "5593306" \| "5609485" \| "5623582" \| "5629594" \| "5666138" \| "5682886" \| "5687259" \| "5691898" \| "5701140" \| "5704791" \| "5721566" \| "5722836" \| "5724264" \| "5731804" \| "5734373" \| "5739811" \| "5740802" \| "5742278" \| "5755577" \| "5766016" \| "5767839" \| "5768134" \| "5769640" \| "5791908" \| "5800177" \| "5800178" \| "5800179" \| "5805140" \| "5807115" \| "5821920" \| "5825308" \| "5825841" \| "5828197" \| "5853292" \| "5873731" \| "5873732" \| "5880976" \| "5882206" \| "5882207" \| "5890908" \| "5891131" \| | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/12/07 12:35 |

		"5909380" | "5941710" | "5945056" | "5947743" | "5950629" | "5951301" | "5956040" | "5967790" | "5995738" | "6038488" | "6106301" | "D233238" | "D272833").PN. OR ("D392878").PN. OR ("6470302").URPN.				
S183	11	(("20030069719") or ("20040002045") or ("3722108") or ("6568941") or ("6470302")).PN.	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2008/12/07 12:35
S184	49	(("20050214725") or ("20050214724") or ("5620419") or ("6296847") or ("5281199") or ("5350360") or ("5417656") or ("5476451") or ("5503630") or ("5527277") or ("5527278") or ("5531684") or ("5542923") or ("5556381") or ("5792123") or ("6190352") or ("5792104") or ("6527754") or ("20030181878") or ("20040204692") or ("5749371") or ("6761725") or ("6475753") or ("5520632") or ("20040176690") or ("20050157939") or ("5599317") or ("20060224129") or ("4915113") or ("5931829") or ("6238369") or ("5460612") or ("5531701") or ("5533988") or ("6197001") or ("4772261") or ("4822341") or ("5332398") or ("5421814") or ("5562617") or ("5713859") or ("5755780") or	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/07 12:35

		("5944688") or ("5989206") or ("5989239") or ("6056717") or ("6228088") or ("4318401") or ("5176653")).PN.				
S185	135	("3226846" | "3304434" | "3541541" | "3748366" | "3775865" | "4321047" | "4360345" | "4409479" | "4459113" | "4490810" | "4642055" | "4712101" | "4726772" | "4767333" | "4773865" | "4789340" | "4804328" | "4807158" | "4867168" | "4867685" | "4879668" | "4907973" | "4936862" | "5044956" | "5077608" | "5086401" | "5099846" | "5112228" | "5130794" | "5137458" | "5149270" | "5185561" | "5205289" | "5220260" | "5222499" | "5261404" | "5273038" | "5295694" | "5311422" | "5320326" | "5320537" | "5320538" | "5322441" | "5333106" | "5338198" | "5343871" | "5354202" | "5376007" | "5377116" | "5385474" | "5389865" | "5391081" | "5403191" | "5414337" | "5438529" | "5451924" | "5454722" | "5459382" | "5482472" | "5483254" | "5483961" | "5509810" | "5510832" | "5513992" | "5518406" | "5531227" | "5546943" | "5552995" | "5559412" | "5576727" | "5589854" | "5593306" | "5609485" | "5623582" | "5629594" | "5666138" | "5682886" | "5687259" | "5691898" | "5701140" | "5704791" | "5721566" | "5722836" | "5724264" | "5731804" | "5734373" | "5739811" | "5740802" | "5742278" | "5755577" | "5766016" | "5767839" | "5768134" | "5769640" | "5791908" | "5800177" | "5800178" | "5800179" |	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/07 12:35

		"5805140" | "5807115" | "5821920" | "5825308" | "5825841" | "5828197" | "5853292" | "5873731" | "5873732" | "5880976" | "5882206" | "5882207" | "5890908" | "5891131" | "5909380" | "5941710" | "5945056" | "5947743" | "5950629" | "5951301" | "5956040" | "5967790" | "5995738" | "6038488" | "6106301" | "D233238" | "D272833").PN. OR ("D392878").PN. OR ("6470302").URPN.				
S186	1	S185 and skin and vein and palpat$4	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/07 12:35
S187	166	"434"/$.ccls. and vascular	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/12/07 12:35
S188	47	S187 and vein	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/12/07 12:35
S189	11	(("20030069719") or ("20040002045") or ("3722108") or ("6568941") or ("6470302")).PN.	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2008/12/07 12:35
S190	49	(("20050214725") or ("20050214724") or ("5620419") or ("6296847") or ("5281199") or ("5350360") or ("5417656") or ("5476451") or ("5503630") or ("5527277") or ("5527278") or ("5531684") or ("5542923") or ("5556381") or ("5792123") or ("6190352") or ("5792104") or ("6527754") or ("20030181878") or ("20040204692") or ("5749371") or ("6761725") or ("6475753") or ("5520632") or ("20040176690") or ("20050157939") or	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/07 12:35

		("5599317") or ("20060224129") or ("4915113") or ("5931829") or ("6238369") or ("5460612") or ("5531701") or ("5533988") or ("6197001") or ("4772261") or ("4822341") or ("5332398") or ("5421814") or ("5562617") or ("5713859") or ("5755780") or ("5944688") or ("5989206") or ("5989239") or ("6056717") or ("6228088") or ("4318401") or ("5176653")).PN.				
S191	344	S187 or S188 or S185 or S189 or S190	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/07 12:35
S192	140	S191 and (vein or artery)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/07 12:35
S193	45	S192 and palpat$4	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/07 12:35
S194	5	S193 and stiffness	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/07 12:35
S195	9	S193 and stretch	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/07 12:35
S196	13	S192 and stretch	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/07 12:35
S197	20	S192 and stiffness	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/07 12:35
S198	2	(("3947974") or ("20040048230")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/07 12:35
S199	6	(("4360345") or ("4915635") or ("3520071") or ("6638073") or ("20040048230")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/07 12:35
S200	0	("vascularaccess").PN.	USPAT; USOCR	OR	OFF	2008/12/07 12:35
S201	4030	"vascular access"	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/12/07 12:35

S202	380	S201 and simulat$4	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/12/07 12:35
S203	11	S202 and "434"/$.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/12/07 12:35
S204	12	S201 and "434"/$.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/12/07 12:35
S205	1815	434/262-275.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/12/07 12:35
S206	340	S205 and magnet$4	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/12/07 12:35
S207	68	S206 and (vein or artery)	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/12/07 12:35
S208	40	"434"/$.ccls. and (vein or artery) and occlusion	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/12/07 12:35
S209	0	"434"/$.ccls. and (vein or artery) and (position near measure)	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/12/07 12:35
S210	11	"434"/$.ccls. and (skin near stretch)	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/12/07 12:35
S211	3	"434"/262-275.ccls. and (vein or artery) near (stiff $4 or rigid$4)	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/12/07 12:35
S212	4030	"VASCULAR ACCESS"	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/12/07 12:35
S213	0	S212 and 434/S.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/12/07 12:35
S214	12	S212 and "434"/$.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/12/07 12:35

| S215 | 135 | ("3226846" \| "3304434" \| "3541541" \| "3748366" \| "3775865" \| "4321047" \| "4360345" \| "4409479" \| "4459113" \| "4490810" \| "4642055" \| "4712101" \| "4726772" \| "4767333" \| "4773865" \| "4789340" \| "4804328" \| "4807158" \| "4867168" \| "4867685" \| "4879668" \| "4907973" \| "4936862" \| "5044956" \| "5077608" \| "5086401" \| "5099846" \| "5112228" \| "5130794" \| "5137458" \| "5149270" \| "5185561" \| "5205289" \| "5220260" \| "5222499" \| "5261404" \| "5273038" \| "5295694" \| "5311422" \| "5320326" \| "5320537" \| "5320538" \| "5322441" \| "5333106" \| "5338198" \| "5343871" \| "5354202" \| "5376007" \| "5377116" \| "5385474" \| "5389865" \| "5391081" \| "5403191" \| "5414337" \| "5438529" \| "5451924" \| "5454722" \| "5459382" \| "5482472" \| "5483254" \| "5483961" \| "5509810" \| "5510832" \| "5513992" \| "5518406" \| "5531227" \| "5546943" \| "5552995" \| "5559412" \| "5576727" \| "5589854" \| "5593306" \| "5609485" \| "5623582" \| "5629594" \| "5666138" \| "5682886" \| "5687259" \| "5691898" \| "5701140" \| "5704791" \| "5721566" \| "5722836" \| "5724264" \| "5731804" \| "5734373" \| "5739811" \| "5740802" \| "5742278" \| "5755577" \| "5766016" \| "5767839" \| "5768134" \| "5769640" \| "5791908" \| "5800177" \| "5800178" \| "5800179" \| "5805140" \| "5807115" \| "5821920" \| "5825308" \| "5825841" \| "5828197" \| "5853292" \| "5873731" \| "5873732" \| "5880976" \| "5882206" \| "5882207" \| "5890908" \| "5891131" \| | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/12/07 12:35 |

		"5909380" | "5941710" | "5945056" | "5947743" | "5950629" | "5951301" | "5956040" | "5967790" | "5995738" | "6038488" | "6106301" | "D233238" | "D272833").PN. OR ("D392878").PN. OR ("6470302").URPN.				
S216	166	"434"/$.ccls. and vascular	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/12/07 12:35
S217	47	S216 and vein	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/12/07 12:35
S218	49	(("20050214725") or ("20050214724") or ("5620419") or ("6296847") or ("5281199") or ("5350360") or ("5417656") or ("5476451") or ("5503630") or ("5527277") or ("5527278") or ("5531684") or ("5542923") or ("5556381") or ("5792123") or ("6190352") or ("5792104") or ("6527754") or ("20030181878") or ("20040204692") or ("5749371") or ("6761725") or ("6475753") or ("5520632") or ("20040176690") or ("20050157939") or ("5599317") or ("20060224129") or ("4915113") or ("5931829") or ("6238369") or ("5460612") or ("5531701") or ("5533988") or ("6197001") or ("4772261") or ("4822341") or ("5332398") or ("5421814") or ("5562617") or	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/07 12:35

		("5713859") or ("5755780") or ("5944688") or ("5989206") or ("5989239") or ("6056717") or ("6228088") or ("4318401") or ("5176653")).PN.				
S219	11	(("20030069719") or ("20040002045") or ("3722108") or ("6568941") or ("6470302")).PN.	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2008/12/07 12:35
S220	135	("3226846" | "3304434" | "3541541" | "3748366" | "3775865" | "4321047" | "4360345" | "4409479" | "4459113" | "4490810" | "4642055" | "4712101" | "4726772" | "4767333" | "4773865" | "4789340" | "4804328" | "4807158" | "4867168" | "4867685" | "4879668" | "4907973" | "4936862" | "5044956" | "5077608" | "5086401" | "5099846" | "5112228" | "5130794" | "5137458" | "5149270" | "5185561" | "5205289" | "5220260" | "5222499" | "5261404" | "5273038" | "5295694" | "5311422" | "5320326" | "5320537" | "5320538" | "5322441" | "5333106" | "5338198" | "5343871" | "5354202" | "5376007" | "5377116" | "5385474" | "5389865" | "5391081" | "5403191" | "5414337" | "5438529" | "5451924" | "5454722" | "5459382" | "5482472" | "5483254" | "5483961" | "5509810" | "5510832" | "5513992" | "5518406" | "5531227" | "5546943" | "5552995" | "5559412" | "5576727" | "5589854" | "5593306" | "5609485" | "5623582" | "5629594" | "5666138" | "5682886" | "5687259" | "5691898" | "5701140" | "5704791" | "5721566" | "5722836" | "5724264" |	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/07 12:35

		"5731804" | "5734373" | "5739811" | "5740802" | "5742278" | "5755577" | "5766016" | "5767839" | "5768134" | "5769640" | "5791908" | "5800177" | "5800178" | "5800179" | "5805140" | "5807115" | "5821920" | "5825308" | "5825841" | "5828197" | "5853292" | "5873731" | "5873732" | "5880976" | "5882206" | "5882207" | "5890908" | "5891131" | "5909380" | "5941710" | "5945056" | "5947743" | "5950629" | "5951301" | "5956040" | "5967790" | "5995738" | "6038488" | "6106301" | "D233238" | "D272833").PN. OR ("D392878").PN. OR ("6470302").URPN.				
S221	166	"434"/$.ccls. and vascular	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/12/07 12:35
S222	49	(("20050214725") or ("20050214724") or ("5620419") or ("6296847") or ("5281199") or ("5350360") or ("5417656") or ("5476451") or ("5503630") or ("5527277") or ("5527278") or ("5531684") or ("5542923") or ("5556381") or ("5792123") or ("6190352") or ("5792104") or ("6527754") or ("20030181878") or ("20040204692") or ("5749371") or ("6761725") or ("6475753") or ("5520632") or ("20040176690") or ("20050157939") or ("5599317") or ("20060224129") or ("4915113") or ("5931829") or	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/07 12:35

		("6238369") or ("5460612") or ("5531701") or ("5533988") or ("6197001") or ("4772261") or ("4822341") or ("5332398") or ("5421814") or ("5562617") or ("5713859") or ("5755780") or ("5944688") or ("5989206") or ("5989239") or ("6056717") or ("6228088") or ("4318401") or ("5176653")).PN.				
S223	11	(("20030069719") or ("20040002045") or ("3722108") or ("6568941") or ("6470302")).PN.	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2008/12/07 12:35
S224	47	S221 and vein	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/12/07 12:35
S225	344	S221 or S224 or S220 or S223 or S222	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/07 12:35
S226	140	S225 and (vein or artery)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/07 12:35
S227	45	S226 and palpat$4	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/07 12:35
S228	5	S227 and stiffness	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/07 12:35
S229	4030	"vascular access"	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/12/07 12:35
S230	9	S227 and stretch	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/07 12:35
S231	1	S220 and skin and vein and palpat$4	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/07 12:35
S232	13	S226 and stretch	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/07 12:35
S233	0	("vascularaccess").PN.	USPAT; USOCR	OR	OFF	2008/12/07 12:35
S234	20	S226 and stiffness	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/07 12:35
S235	2	(("3947974") or ("20040048230")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/07 12:35

S236	6	(("4360345") or "4915635") or ("3520071") or ("6638073") or ("20040048230")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/07 12:35
S237	380	S229 and simulat$4	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/12/07 12:35
S238	11	S237 and "434"/$.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/12/07 12:35
S239	12	S229 and "434"/$.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/12/07 12:35
S240	1815	434/262-275.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/12/07 12:35
S241	340	S240 and magnet$4	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/12/07 12:35
S242	68	S241 and (vein or artery)	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/12/07 12:35
S243	0	"434"/$.ccls. and (vein or artery) and (position near measure)	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/12/07 12:35
S244	3	"434"/262-275.ccls. and (vein or artery) near (stiff $4 or rigid$4)	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/12/07 12:35
S245	11	"434"/$.ccls. and (skin near stretch)	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/12/07 12:35
S246	40	"434"/$.ccls. and (vein or artery) and occlusion	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/12/07 12:35
S247	4030	"VASCULAR ACCESS"	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/12/07 12:35
S248	12	S247 and "434"/$.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/12/07 12:35
S249	0	S247 and 434/S.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/12/07 12:35

S250	17	(("3704529") or "4134218") or "4850960") or "5472345") or "5821920") or "5853292") or "6038488") or "6088020") or "6527558") or "6538634") or "7182602") or "20030031993") or "20030210259") or "20040024418") or "20040030303") or "20040076940") or "20040097806")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/07 12:35
S251	78	"434"/$.ccls. and magnet $4 and "force feedback"	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/12/07 12:35
S252	1	"6106301".pn.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/12/07 12:35
S253	5	("3919691" | "4840567" | "5719561" | "6326901" | "6694652").PN. OR ("7271707").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/07 12:35
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S257	51	S256 and (artery or vein or vascular)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/07 12:35
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S267	166	"434"/$.ccls. and vascular	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/12/07 12:35
S268	47	S267 and vein	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/12/07 12:35
S269	135	("3226846" | "3304434" | "3541541" | "3748366" | "3775865" | "4321047" | "4360345" | "4409479" | "4459113" | "4490810" | "4642055" | "4712101" | "4726772" | "4767333" | "4773865" | "4789340" | "4804328" | "4807158" | "4867168" | "4867685" | "4879668" | "4907973" | "4936862" | "5044956" | "5077608" | "5086401" | "5099846" | "5112228" | "5130794" | "5137458" | "5149270" | "5185561" | "5205289" | "5220260" |	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/07 12:35

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| S270 | 11 | (("20030069719") or ("20040002045") or ("3722108") or ("6568941") or ("6470302")).PN. | US-PGPUB; USPAT; USOCR; EPO; DERWENT | OR | OFF | 2008/12/07 12:35 |

| S271 | 49 | (("20050214725") or ("20050214724") or ("5620419") or ("6296847") or ("5281199") or ("5350360") or ("5417656") or ("5476451") or ("5503630") or ("5527277") or ("5527278") or ("5531684") or ("5542923") or ("5556381") or ("5792123") or ("6190352") or ("5792104") or ("6527754") or ("20030181878") or ("20040204692") or ("5749371") or ("6761725") or ("6475753") or ("5520632") or ("20040176690") or ("20050157939") or ("5599317") or ("20060224129") or ("4915113") or ("5931829") or ("6238369") or ("5460612") or ("5531701") or ("5533988") or ("6197001") or ("4772261") or ("4822341") or ("5332398") or ("5421814") or ("5562617") or ("5713859") or ("5755780") or ("5944688") or ("5989206") or ("5989239") or ("6056717") or ("6228088") or ("4318401") or ("5176653")).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/12/07 12:35 |

S272	135	("3226846"	"3304434"	"3541541"	"3748366"	"3775865"	"4321047"	"4360345"	"4409479"	"4459113"	"4490810"	"4642055"	"4712101"	"4726772"	"4767333"	"4773865"	"4789340"	"4804328"	"4807158"	"4867168"	"4867685"	"4879668"	"4907973"	"4936862"	"5044956"	"5077608"	"5086401"	"5099846"	"5112228"	"5130794"	"5137458"	"5149270"	"5185561"	"5205289"	"5220260"	"5222499"	"5261404"	"5273038"	"5295694"	"5311422"	"5320326"	"5320537"	"5320538"	"5322441"	"5333106"	"5338198"	"5343871"	"5354202"	"5376007"	"5377116"	"5385474"	"5389865"	"5391081"	"5403191"	"5414337"	"5438529"	"5451924"	"5454722"	"5459382"	"5482472"	"5483254"	"5483961"	"5509810"	"5510832"	"5513992"	"5518406"	"5531227"	"5546943"	"5552995"	"5559412"	"5576727"	"5589854"	"5593306"	"5609485"	"5623582"	"5629594"	"5666138"	"5682886"	"5687259"	"5691898"	"5701140"	"5704791"	"5721566"	"5722836"	"5724264"	"5731804"	"5734373"	"5739811"	"5740802"	"5742278"	"5755577"	"5766016"	"5767839"	"5768134"	"5769640"	"5791908"	"5800177"	"5800178"	"5800179"	"5805140"	"5807115"	"5821920"	"5825308"	"5825841"	"5828197"	"5853292"	"5873731"	"5873732"	"5880976"	"5882206"	"5882207"	"5890908"	"5891131"		US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/07 12:35

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S274	166	"434"/$.ccls. and vascular	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/12/07 12:35
S275	47	S274 and vein	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/12/07 12:35
S276	11	(("20030069719") or ("20040002045") or ("3722108") or ("6568941") or ("6470302")).PN.	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2008/12/07 12:35
S277	49	(("20050214725") or ("20050214724") or ("5620419") or ("6296847") or ("5281199") or ("5350360") or ("5417656") or ("5476451") or ("5503630") or ("5527277") or ("5527278") or ("5531684") or ("5542923") or ("5556381") or ("5792123") or ("6190352") or ("5792104") or ("6527754") or ("20030181878") or ("20040204692") or ("5749371") or ("6761725") or ("6475753") or ("5520632") or ("20040176690") or ("20050157939") or ("5599317") or ("20060224129") or ("4915113") or ("5931829") or ("6238369") or ("5460612") or ("5531701") or	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/07 12:35

		("5533988") or ("6197001") or ("4772261") or ("4822341") or ("5332398") or ("5421814") or ("5562617") or ("5713859") or ("5755780") or ("5944688") or ("5989206") or ("5989239") or ("6056717") or ("6228088") or ("4318401") or ("5176653")).PN.				
S278	344	S274 or S275 or S272 or S276 or S277	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/07 12:35
S279	140	S278 and (vein or artery)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/07 12:35
S280	45	S279 and palpat$4	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/07 12:35
S281	5	S280 and stiffness	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/07 12:35
S282	9	S280 and stretch	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/07 12:35
S283	13	S279 and stretch	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/07 12:35
S284	20	S279 and stiffness	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/07 12:35
S285	2	(("3947974") or ("20040048230")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/07 12:35
S286	6	(("4360345") or ("4915635") or ("3520071") or ("6638073") or ("20040048230")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/07 12:35
S287	0	("vascularaccess").PN.	USPAT; USOCR	OR	OFF	2008/12/07 12:35
S288	4030	"vascular access"	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/12/07 12:35
S289	380	S288 and simulat$4	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/12/07 12:35
S290	11	S289 and "434"/$.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/12/07 12:35

S291	12	S288 and "434"/$.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/12/07 12:35
S292	1815	434/262-275.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/12/07 12:35
S293	340	S292 and magnet$4	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/12/07 12:35
S294	68	S293 and (vein or artery)	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/12/07 12:35
S295	40	"434"/$.ccls. and (vein or artery) and occlusion	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/12/07 12:35
S296	0	"434"/$.ccls. and (vein or artery) and (position near measure)	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/12/07 12:35
S297	11	"434"/$.ccls. and (skin near stretch)	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/12/07 12:35
S298	3	"434"/262-275.ccls. and (vein or artery) near (stiff $4 or rigid$4)	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/12/07 12:35
S299	4030	"VASCULAR ACCESS"	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/12/07 12:35
S300	0	S299 and 434/S.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/12/07 12:35
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S303	166	"434"/$.ccls. and vascular	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/12/07 12:35
S304	47	S303 and vein	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/12/07 12:35

| S305 | 49 | (("20050214725") or ("20050214724") or ("5620419") or ("6296847") or ("5281199") or ("5350360") or ("5417656") or ("5476451") or ("5503630") or ("5527277") or ("5527278") or ("5531684") or ("5542923") or ("5556381") or ("5792123") or ("6190352") or ("5792104") or ("6527754") or ("20030181878") or ("20040204692") or ("5749371") or ("6761725") or ("6475753") or ("5520632") or ("20040176690") or ("20050157939") or ("5599317") or ("20060224129") or ("4915113") or ("5931829") or ("6238369") or ("5460612") or ("5531701") or ("5533988") or ("6197001") or ("4772261") or ("4822341") or ("5332398") or ("5421814") or ("5562617") or ("5713859") or ("5755780") or ("5944688") or ("5989206") or ("5989239") or ("6056717") or ("6228088") or ("4318401") or ("5176653")).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/12/07 12:35 |
| S306 | 11 | (("20030069719") or ("20040002045") or ("3722108") or ("6568941") or ("6470302")).PN. | US-PGPUB; USPAT; USOCR; EPO; DERWENT | OR | OFF | 2008/12/07 12:35 |

| S307 | 135 | ("3226846" | "3304434" | "3541541" | "3748366" | "3775865" | "4321047" | "4360345" | "4409479" | "4459113" | "4490810" | "4642055" | "4712101" | "4726772" | "4767333" | "4773865" | "4789340" | "4804328" | "4807158" | "4867168" | "4867685" | "4879668" | "4907973" | "4936862" | "5044956" | "5077608" | "5086401" | "5099846" | "5112228" | "5130794" | "5137458" | "5149270" | "5185561" | "5205289" | "5220260" | "5222499" | "5261404" | "5273038" | "5295694" | "5311422" | "5320326" | "5320537" | "5320538" | "5322441" | "5333106" | "5338198" | "5343871" | "5354202" | "5376007" | "5377116" | "5385474" | "5389865" | "5391081" | "5403191" | "5414337" | "5438529" | "5451924" | "5454722" | "5459382" | "5482472" | "5483254" | "5483961" | "5509810" | "5510832" | "5513992" | "5518406" | "5531227" | "5546943" | "5552995" | "5559412" | "5576727" | "5589854" | "5593306" | "5609485" | "5623582" | "5629594" | "5666138" | "5682886" | "5687259" | "5691898" | "5701140" | "5704791" | "5721566" | "5722836" | "5724264" | "5731804" | "5734373" | "5739811" | "5740802" | "5742278" | "5755577" | "5766016" | "5767839" | "5768134" | "5769640" | "5791908" | "5800177" | "5800178" | "5800179" | "5805140" | "5807115" | "5821920" | "5825308" | "5825841" | "5828197" | "5853292" | "5873731" | "5873732" | "5880976" | "5882206" | "5882207" | "5890908" | "5891131" | | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/12/07 12:35 |

		"5909380" | "5941710" | "5945056" | "5947743" | "5950629" | "5951301" | "5956040" | "5967790" | "5995738" | "6038488" | "6106301" | "D233238" | "D272833").PN. OR ("D392878").PN. OR ("6470302").URPN.					
S308	166	"434"/$.ccls. and vascular	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/12/07 12:35	
S309	49	(("20050214725") or ("20050214724") or ("5620419") or ("6296847") or ("5281199") or ("5350360") or ("5417656") or ("5476451") or ("5503630") or ("5527277") or ("5527278") or ("5531684") or ("5542923") or ("5556381") or ("5792123") or ("6190352") or ("5792104") or ("6527754") or ("20030181878") or ("20040204692") or ("5749371") or ("6761725") or ("6475753") or ("5520632") or ("20040176690") or ("20050157939") or ("5599317") or ("20060224129") or ("4915113") or ("5931829") or ("6238369") or ("5460612") or ("5531701") or ("5533988") or ("6197001") or ("4772261") or ("4822341") or ("5332398") or ("5421814") or ("5562617") or ("5713859") or ("5755780") or ("5944688") or ("5989206") or	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/07 12:35	

		("5989239") or ("6056717") or ("6228088") or ("4318401") or ("5176653")).PN.				
S310	11	(("20030069719") or ("20040002045") or ("3722108") or ("6568941") or ("6470302")).PN.	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2008/12/07 12:35
S311	47	S308 and vein	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/12/07 12:35
S312	344	S308 or S311 or S307 or S310 or S309	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/07 12:35
S313	140	S312 and (vein or artery)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/07 12:35
S314	45	S313 and palpat$4	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/07 12:35
S315	5	S314 and stiffness	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/07 12:35
S316	4030	"vascular access"	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/12/07 12:35
S317	9	S314 and stretch	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/07 12:36
S318	1	S307 and skin and vein and palpat$4	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/07 12:36
S319	13	S313 and stretch	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/07 12:36
S320	0	("vascularaccess").PN.	USPAT; USOCR	OR	OFF	2008/12/07 12:36
S321	20	S313 and stiffness	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/07 12:36
S322	2	(("3947974") or ("20040048230")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/07 12:36
S323	6	(("4360345") or ("4915635") or ("3520071") or ("6638073") or ("20040048230")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/07 12:36
S324	380	S316 and simulat$4	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/12/07 12:36
S325	11	S324 and "434"/$.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/12/07 12:36

S326	12	S316 and "434"/$.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/12/07 12:36
S327	1815	434/262-275.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/12/07 12:36
S328	340	S327 and magnet$4	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/12/07 12:36
S329	68	S328 and (vein or artery)	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/12/07 12:36
S330	0	"434"/$.ccls. and (vein or artery) and (position near measure)	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/12/07 12:36
S331	3	"434"/262-275.ccls. and (vein or artery) near (stiff $4 or rigid$4)	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/12/07 12:36
S332	11	"434"/$.ccls. and (skin near stretch)	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/12/07 12:36
S333	40	"434"/$.ccls. and (vein or artery) and occlusion	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/12/07 12:36
S334	4030	"VASCULAR ACCESS"	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/12/07 12:36
S335	12	S334 and "434"/$.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/12/07 12:36
S336	0	S334 and 434/S.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/12/07 12:36
S337	17	(("3704529") or ("4134218") or ("4850960") or ("5472345") or ("5821920") or ("5853292") or ("6038488") or ("6088020") or ("6527558") or ("6538634") or ("7182602") or ("20030031993") or ("20030210259") or ("20040024418") or ("20040030303") or ("20040076940") or ("20040097806")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/07 12:36

S338	78	"434"/$.ccls. and magnet $4 and "force feedback"	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/12/07 12:36
S339	1	"6106301".pn.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/12/07 12:36
S340	5	("3919691" | "4840567" | "5719561" | "6326901" | "6694652").PN. OR ("7271707").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/07 12:36
S341	135	("3226846" | "3304434" | "3541541" | "3748366" | "3775865" | "4321047" | "4360345" | "4409479" | "4459113" | "4490810" | "4642055" | "4712101" | "4726772" | "4767333" | "4773865" | "4789340" | "4804328" | "4807158" | "4867168" | "4867685" | "4879668" | "4907973" | "4936862" | "5044956" | "5077608" | "5086401" | "5099846" | "5112228" | "5130794" | "5137458" | "5149270" | "5185561" | "5205289" | "5220260" | "5222499" | "5261404" | "5273038" | "5295694" | "5311422" | "5320326" | "5320537" | "5320538" | "5322441" | "5333106" | "5338198" | "5343871" | "5354202" | "5376007" | "5377116" | "5385474" | "5389865" | "5391081" | "5403191" | "5414337" | "5438529" | "5451924" | "5454722" | "5459382" | "5482472" | "5483254" | "5483961" | "5509810" | "5510832" | "5513992" | "5518406" | "5531227" | "5546943" | "5552995" | "5559412" | "5576727" | "5589854" | "5593306" | "5609485" | "5623582" | "5629594" | "5666138" | "5682886" | "5687259" | "5691898" | "5701140" | "5704791" | "5721566" | "5722836" | "5724264" | "5731804" | "5734373" | "5739811" | "5740802" | "5742278" | "5755577" |	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/07 12:36

		"5766016" | "5767839" | "5768134" | "5769640" | "5791908" | "5800177" | "5800178" | "5800179" | "5805140" | "5807115" | "5821920" | "5825308" | "5825841" | "5828197" | "5853292" | "5873731" | "5873732" | "5880976" | "5882206" | "5882207" | "5890908" | "5891131" | "5909380" | "5941710" | "5945056" | "5947743" | "5950629" | "5951301" | "5956040" | "5967790" | "5995738" | "6038488" | "6106301" | "D233238" | "D272833").PN. OR ("D392878").PN. OR ("6470302").URPN.				
S342	1812	434/262-275.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/07 12:36
S343	98	S342 and palpat$4	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/07 12:36
S344	51	S343 and (artery or vein or vascular)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/07 12:36
S345	55	S343 and (arter$4 or vein or vascular)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/07 12:36
S346	8	("5073140" | "5733131" | "5823787" | "5941710" | "6215057").PN. OR ("6461165").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/07 12:36
S347	56	S343 and (arter$4 or vein or vascular or "blood vessel")	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/07 12:36
S348	34	S343 and pulse	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/07 12:36
S349	8	("2451200" | "2871579" | "3055356" | "3662076" | "4182054").PN. OR ("4380439").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/07 12:36
S350	25	("3055356" | "3154881" | "3562925" | "3564729"). PN. OR ("3662076").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/07 12:36
S351	25	("3055356" | "3154881" | "3562925" | "3564729"). PN. OR ("3662076").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/07 12:36
S352	1	"7202851".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/07 12:36

| S353 | 260 | ("20010016804" \| "20020021277" \| "20030031993" \| "2832073" \| "2972140" \| "3157853" \| "3220121" \| "3226846" \| "3497668" \| "3517446" \| "3520060" \| "3623064" \| "3662076" \| "3775865" \| "3902687" \| "3903614" \| "3911416" \| "3919691" \| "3994282" \| "4052981" \| "4127752" \| "4160508" \| "4236325" \| "4262549" \| "4321047" \| "4333070" \| "4360345" \| "4391282" \| "4439162" \| "4459113" \| "4464117" \| "4484191" \| "4513235" \| "4581491" \| "4599070" \| "4638798" \| "4642055" \| "4664130" \| "4685464" \| "4708656" \| "4713007" \| "4726772" \| "4750487" \| "4773865" \| "4787051" \| "4789340" \| "4791934" \| "4794392" \| "4795296" \| "4825872" \| "4868549" \| "4885565" \| "4891764" \| "4896554" \| "4907973" \| "4930770" \| "4934694" \| "4949119" \| "5019761" \| "5022384" \| "5022407" \| "5035242" \| "5038089" \| "5044956" \| "5050608" \| "5078152" \| "5086401" \| "5107262" \| "5112228" \| "5121747" \| "5131844" \| "5137458" \| "5146566" \| "5149270" \| "5165897" \| "5175459" \| "5184319" \| "5185561" \| "5186629" \| "5186695" \| "5203563" \| "5205289" \| "5212473" \| "5217003" \| "5220260" \| "5230623" \| "5240417" \| "5251127" \| "5271290" \| "5273038" \| "5275174" \| "5283970" \| "5290276" \| "5295694" \| "5296871" \| "5299810" \| "5309140" \| "5320537" \| "5333106" \| "5334017" \| "5334027" \| "5338198" \| "5339723" \| "5351692" \| "5355148" \| "5368487" \| "5376007" \| "5385474" \| "5388992" \| | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/12/07 12:36 |

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("5466213" | "5467763" |
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"5575761" | "5583478" |
"5589828" | "5589854" |
"5593306" | "5598269" |
"5609485" | "5609560" |
"5625576" | "5629594" |
"5643087" | "5666138" |
"5667517" | "5684722" |
"5690582" | "5696537" |
"5704791" | "5709219" |
"5711746" | "5714978" |
"5720742" | "5722836" |
"5734373" | "5736978" |
"5742278" | "5754023" |
"5755577" | "5766016" |
"5769640" | "5779209" |
"5781172" | "5784052" |
"5785630" | "5790108" |
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"5800178" | "5800179" |
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"5817107" | "5825308" |
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"5971976" | "5973670" |
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S354	2	("2704897").PN.	USPAT; USOCR	OR	OFF	2008/12/07 12:36
S355	18	S327 and "magnetic force"	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/12/07 12:36
S356	1	("4134218").PN.	USPAT; USOCR	OR	OFF	2008/12/07 12:36
S357	1	S327 and hoballah.in.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/12/07 12:36
S358	1815	434/262-275.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/12/07 13:14
S359	98	S358 and palpat$4	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/12/07 13:14
S360	47	S359 and (vein or artery)	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/12/07 13:14
S361	21	S359 and breast and pressure	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/12/07 13:20
S362	21	S361 and pressure	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/12/07 13:29
S363	1	"6398557".pn.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/12/07 14:43
S364	178	"434"/$.ccls. and vascular	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:15
S365	50	S364 and vein	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:15

| S366 | 141 | ("3226846" \| "3304434" \| "3541541" \| "3748366" \| "3775865" \| "4321047" \| "4360345" \| "4409479" \| "4459113" \| "4490810" \| "4642055" \| "4712101" \| "4726772" \| "4767333" \| "4773865" \| "4789340" \| "4804328" \| "4807158" \| "4867168" \| "4867685" \| "4879668" \| "4907973" \| "4936862" \| "5044956" \| "5077608" \| "5086401" \| "5099846" \| "5112228" \| "5130794" \| "5137458" \| "5149270" \| "5185561" \| "5205289" \| "5220260" \| "5222499" \| "5261404" \| "5273038" \| "5295694" \| "5311422" \| "5320326" \| "5320537" \| "5320538" \| "5322441" \| "5333106" \| "5338198" \| "5343871" \| "5354202" \| "5376007" \| "5377116" \| "5385474" \| "5389865" \| "5391081" \| "5403191" \| "5414337" \| "5438529" \| "5451924" \| "5454722" \| "5459382" \| "5482472" \| "5483254" \| "5483961" \| "5509810" \| "5510832" \| "5513992" \| "5518406" \| "5531227" \| "5546943" \| "5552995" \| "5559412" \| "5576727" \| "5589854" \| "5593306" \| "5609485" \| "5623582" \| "5629594" \| "5666138" \| "5682886" \| "5687259" \| "5691898" \| "5701140" \| "5704791" \| "5721566" \| "5722836" \| "5724264" \| "5731804" \| "5734373" \| "5739811" \| "5740802" \| "5742278" \| "5755577" \| "5766016" \| "5767839" \| "5768134" \| "5769640" \| "5791908" \| "5800177" \| "5800178" \| "5800179" \| "5805140" \| "5807115" \| "5821920" \| "5825308" \| "5825841" \| "5828197" \| "5853292" \| "5873731" \| "5873732" \| "5880976" \| "5882206" \| "5882207" \| "5890908" \| "5891131" \| | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/08/25 13:15 |

		"5909380"	"5941710"	"5945056"	"5947743"	"5950629"	"5951301"	"5956040"	"5967790"	"5995738"	"6038488"	"6106301"	"D233238"	"D272833").PN. OR ("D392878").PN. OR ("6470302").URPN.				
S367	11	(("20030069719") or ("20040002045") or ("3722108") or ("6568941") or ("6470302")).PN.	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2009/08/25 13:15
S368	49	(("20050214725") or ("20050214724") or ("5620419") or ("6296847") or ("5281199") or ("5350360") or ("5417656") or ("5476451") or ("5503630") or ("5527277") or ("5527278") or ("5531684") or ("5542923") or ("5556381") or ("5792123") or ("6190352") or ("5792104") or ("6527754") or ("20030181878") or ("20040204692") or ("5749371") or ("6761725") or ("6475753") or ("5520632") or ("20040176690") or ("20050157939") or ("5599317") or ("20060224129") or ("4915113") or ("5931829") or ("6238369") or ("5460612") or ("5531701") or ("5533988") or ("6197001") or ("4772261") or ("4822341") or ("5332398") or ("5421814") or ("5562617") or ("5713859") or ("5755780") or	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:15

		("5944688") or ("5989206") or ("5989239") or ("6056717") or ("6228088") or ("4318401") or ("5176653")).PN.				
S369	141	"3226846" | "3304434" | "3541541" | "3748366" | "3775865" | "4321047" | "4360345" | "4409479" | "4459113" | "4490810" | "4642055" | "4712101" | "4726772" | "4767333" | "4773865" | "4789340" | "4804328" | "4807158" | "4867168" | "4867685" | "4879668" | "4907973" | "4936862" | "5044956" | "5077608" | "5086401" | "5099846" | "5112228" | "5130794" | "5137458" | "5149270" | "5185561" | "5205289" | "5220260" | "5222499" | "5261404" | "5273038" | "5295694" | "5311422" | "5320326" | "5320537" | "5320538" | "5322441" | "5333106" | "5338198" | "5343871" | "5354202" | "5376007" | "5377116" | "5385474" | "5389865" | "5391081" | "5403191" | "5414337" | "5438529" | "5451924" | "5454722" | "5459382" | "5482472" | "5483254" | "5483961" | "5509810" | "5510832" | "5513992" | "5518406" | "5531227" | "5546943" | "5552995" | "5559412" | "5576727" | "5589854" | "5593306" | "5609485" | "5623582" | "5629594" | "5666138" | "5682886" | "5687259" | "5691898" | "5701140" | "5704791" | "5721566" | "5722836" | "5724264" | "5731804" | "5734373" | "5739811" | "5740802" | "5742278" | "5755577" | "5766016" | "5767839" | "5768134" | "5769640" | "5791908" | "5800177" | "5800178" | "5800179" |	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:15

		"5805140" | "5807115" | "5821920" | "5825308" | "5825841" | "5828197" | "5853292" | "5873731" | "5873732" | "5880976" | "5882206" | "5882207" | "5890908" | "5891131" | "5909380" | "5941710" | "5945056" | "5947743" | "5950629" | "5951301" | "5956040" | "5967790" | "5995738" | "6038488" | "6106301" | "D233238" | "D272833").PN. OR ("D392878").PN. OR ("6470302").URPN.				
S370	1	S369 and skin and vein and palpat$4	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:15
S371	178	"434"/$.ccls. and vascular	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:15
S372	50	S371 and vein	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:15
S373	11	(("20030069719") or ("20040002045") or ("3722108") or ("6568941") or ("6470302")).PN.	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2009/08/25 13:15
S374	49	(("20050214725") or ("20050214724") or ("5620419") or ("6296847") or ("5281199") or ("5350360") or ("5417656") or ("5476451") or ("5503630") or ("5527277") or ("5527278") or ("5531684") or ("5542923") or ("5556381") or ("5792123") or ("6190352") or ("5792104") or ("6527754") or ("20030181878") or ("20040204692") or ("5749371") or ("6761725") or ("6475753") or ("5520632") or ("20040176690") or ("20050157939") or	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:15

("5599317") or
("20060224129") or
("4915113") or
("5931829") or
("6238369") or
("5460612") or
("5531701") or
("5533988") or
("6197001") or
("4772261") or
("4822341") or
("5332398") or
("5421814") or
("5562617") or
("5713859") or
("5755780") or
("5944688") or
("5989206") or
("5989239") or
("6056717") or
("6228088") or
("4318401") or
("5176653")).PN.

S375	362	S371 or S372 or S369 or S373 or S374	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:15
S376	144	S375 and (vein or artery)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:15
S377	46	S376 and palpat$4	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:15
S378	6	S377 and stiffness	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:15
S379	9	S377 and stretch	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:15
S380	13	S376 and stretch	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:15
S381	24	S376 and stiffness	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:15
S382	2	(("3947974") or ("20040048230")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:15
S383	6	(("4360345") or ("4915635") or ("3520071") or ("6638073") or ("20040048230")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:15
S384	0	("vascularaccess").PN.	USPAT; USOCR	OR	OFF	2009/08/25 13:15
S385	4418	"vascular access"	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:15

S386	428	S385 and simulat$4	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:15
S387	11	S386 and "434"/$.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:15
S388	12	S385 and "434"/$.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:15
S389	1900	434/262-275.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:15
S390	366	S389 and magnet$4	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:15
S391	74	S390 and (vein or artery)	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:15
S392	43	"434"/$.ccls. and (vein or artery) and occlusion	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:15
S393	0	"434"/$.ccls. and (vein or artery) and (position near measure)	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:15
S394	11	"434"/$.ccls. and (skin near stretch)	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:15
S395	3	"434"/262-275.ccls. and (vein or artery) near (stiff $4 or rigid$4)	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:15
S396	4418	"VASCULAR ACCESS"	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:15
S397	0	S396 and 434/S.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:15
S398	12	S396 and "434"/$.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:15

| S399 | 141 | ("3226846" \| "3304434" \| "3541541" \| "3748366" \| "3775865" \| "4321047" \| "4360345" \| "4409479" \| "4459113" \| "4490810" \| "4642055" \| "4712101" \| "4726772" \| "4767333" \| "4773865" \| "4789340" \| "4804328" \| "4807158" \| "4867168" \| "4867685" \| "4879668" \| "4907973" \| "4936862" \| "5044956" \| "5077608" \| "5086401" \| "5099846" \| "5112228" \| "5130794" \| "5137458" \| "5149270" \| "5185561" \| "5205289" \| "5220260" \| "5222499" \| "5261404" \| "5273038" \| "5295694" \| "5311422" \| "5320326" \| "5320537" \| "5320538" \| "5322441" \| "5333106" \| "5338198" \| "5343871" \| "5354202" \| "5376007" \| "5377116" \| "5385474" \| "5389865" \| "5391081" \| "5403191" \| "5414337" \| "5438529" \| "5451924" \| "5454722" \| "5459382" \| "5482472" \| "5483254" \| "5483961" \| "5509810" \| "5510832" \| "5513992" \| "5518406" \| "5531227" \| "5546943" \| "5552995" \| "5559412" \| "5576727" \| "5589854" \| "5593306" \| "5609485" \| "5623582" \| "5629594" \| "5666138" \| "5682886" \| "5687259" \| "5691898" \| "5701140" \| "5704791" \| "5721566" \| "5722836" \| "5724264" \| "5731804" \| "5734373" \| "5739811" \| "5740802" \| "5742278" \| "5755577" \| "5766016" \| "5767839" \| "5768134" \| "5769640" \| "5791908" \| "5800177" \| "5800178" \| "5800179" \| "5805140" \| "5807115" \| "5821920" \| "5825308" \| "5825841" \| "5828197" \| "5853292" \| "5873731" \| "5873732" \| "5880976" \| "5882206" \| "5882207" \| "5890908" \| "5891131" \| | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/08/25 13:15 |

		"5909380" | "5941710" | "5945056" | "5947743" | "5950629" | "5951301" | "5956040" | "5967790" | "5995738" | "6038488" | "6106301" | "D233238" | "D272833").PN. OR ("D392878").PN. OR ("6470302").URPN.				
S400	178	"434"/$.ccls. and vascular	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:15
S401	50	S400 and vein	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:15
S402	49	(("20050214725") or ("20050214724") or ("5620419") or ("6296847") or ("5281199") or ("5350360") or ("5417656") or ("5476451") or ("5503630") or ("5527277") or ("5527278") or ("5531684") or ("5542923") or ("5556381") or ("5792123") or ("6190352") or ("5792104") or ("6527754") or ("20030181878") or ("20040204692") or ("5749371") or ("6761725") or ("6475753") or ("5520632") or ("20040176690") or ("20050157939") or ("5599317") or ("20060224129") or ("4915113") or ("5931829") or ("6238369") or ("5460612") or ("5531701") or ("5533988") or ("6197001") or ("4772261") or ("4822341") or ("5332398") or ("5421814") or ("5562617") or	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:15

		("5713859") or ("5755780") or ("5944688") or ("5989206") or ("5989239") or ("6056717") or ("6228088") or ("4318401") or ("5176653")).PN.				
S403	11	(("20030069719") or ("20040002045") or ("3722108") or ("6568941") or ("6470302")).PN.	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2009/08/25 13:15
S404	141	("3226846" | "3304434" | "3541541" | "3748366" | "3775865" | "4321047" | "4360345" | "4409479" | "4459113" | "4490810" | "4642055" | "4712101" | "4726772" | "4767333" | "4773865" | "4789340" | "4804328" | "4807158" | "4867168" | "4867685" | "4879668" | "4907973" | "4936862" | "5044956" | "5077608" | "5086401" | "5099846" | "5112228" | "5130794" | "5137458" | "5149270" | "5185561" | "5205289" | "5220260" | "5222499" | "5261404" | "5273038" | "5295694" | "5311422" | "5320326" | "5320537" | "5320538" | "5322441" | "5333106" | "5338198" | "5343871" | "5354202" | "5376007" | "5377116" | "5385474" | "5389865" | "5391081" | "5403191" | "5414337" | "5438529" | "5451924" | "5454722" | "5459382" | "5482472" | "5483254" | "5483961" | "5509810" | "5510832" | "5513992" | "5518406" | "5531227" | "5546943" | "5552995" | "5559412" | "5576727" | "5589854" | "5593306" | "5609485" | "5623582" | "5629594" | "5666138" | "5682886" | "5687259" | "5691898" | "5701140" | "5704791" | "5721566" | "5722836" | "5724264" |	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:15

		"5731804" | "5734373" | "5739811" | "5740802" | "5742278" | "5755577" | "5766016" | "5767839" | "5768134" | "5769640" | "5791908" | "5800177" | "5800178" | "5800179" | "5805140" | "5807115" | "5821920" | "5825308" | "5825841" | "5828197" | "5853292" | "5873731" | "5873732" | "5880976" | "5882206" | "5882207" | "5890908" | "5891131" | "5909380" | "5941710" | "5945056" | "5947743" | "5950629" | "5951301" | "5956040" | "5967790" | "5995738" | "6038488" | "6106301" | "D233238" | "D272833").PN. OR ("D392878").PN. OR ("6470302").URPN.				
S405	178	"434"/$.ccls. and vascular	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:15
S406	49	(("20050214725") or ("20050214724") or ("5620419") or ("6296847") or ("5281199") or ("5350360") or ("5417656") or ("5476451") or ("5503630") or ("5527277") or ("5527278") or ("5531684") or ("5542923") or ("5556381") or ("5792123") or ("6190352") or ("5792104") or ("6527754") or ("20030181878") or ("20040204692") or ("5749371") or ("6761725") or ("6475753") or ("5520632") or ("20040176690") or ("20050157939") or ("5599317") or ("20060224129") or ("4915113") or ("5931829") or	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:15

		("6238369") or ("5460612") or ("5531701") or ("5533988") or ("6197001") or ("4772261") or ("4822341") or ("5332398") or ("5421814") or ("5562617") or ("5713859") or ("5755780") or ("5944688") or ("5989206") or ("5989239") or ("6056717") or ("6228088") or ("4318401") or ("5176653")).PN.				
S407	11	(("20030069719") or ("20040002045") or ("3722108") or ("6568941") or ("6470302")).PN.	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2009/08/25 13:15
S408	50	S405 and vein	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:15
S409	362	S405 or S408 or S404 or S407 or S406	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:15
S410	144	S409 and (vein or artery)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:15
S411	46	S410 and palpat$4	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:15
S412	6	S411 and stiffness	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:15
S413	4418	"vascular access"	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:15
S414	9	S411 and stretch	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:15
S415	1	S404 and skin and vein and palpat$4	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:15
S416	13	S410 and stretch	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:15
S417	0	("vascularaccess").PN.	USPAT; USOCR	OR	OFF	2009/08/25 13:15
S418	24	S410 and stiffness	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:15
S419	2	(("3947974") or ("20040048230")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:15

S420	6	(("4360345") or ("4915635") or ("3520071") or ("6638073") or ("20040048230")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:15
S421	428	S413 and simulat$4	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:15
S422	11	S421 and "434"/$.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:15
S423	12	S413 and "434"/$.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:15
S424	1900	434/262-275.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:15
S425	366	S424 and magnet$4	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:15
S426	74	S425 and (vein or artery)	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:15
S427	0	"434"/$.ccls. and (vein or artery) and (position near measure)	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:15
S428	3	"434"/262-275.ccls. and (vein or artery) near (stiff $4 or rigid$4)	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:15
S429	11	"434"/$.ccls. and (skin near stretch)	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:15
S430	43	"434"/$.ccls. and (vein or artery) and occlusion	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:15
S431	4418	"VASCULAR ACCESS"	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:15
S432	12	S431 and "434"/$.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:15
S433	0	S431 and 434/$.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:15

S434	17	(("3704529") or "4134218") or "4850960") or "5472345") or "5821920") or "5853292") or "6038488") or "6088020") or "6527558") or "6538634") or "7182602") or "20030031993") or "20030210259") or "20040024418") or "20040030303") or "20040076940") or "20040097806")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:15
S435	81	"434"/$.ccls. and magnet $4 and "force feedback"	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:15
S436	1	"6106301".pn.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:15
S437	5	("3919691" | "4840567" | "5719561" | "6326901" | "6694652").PN. OR ("7271707").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:15
S438	141	("3226846" | "3304434" | "3541541" | "3748366" | "3775865" | "4321047" | "4360345" | "4409479" | "4459113" | "4490810" | "4642055" | "4712101" | "4726772" | "4767333" | "4773865" | "4789340" | "4804328" | "4807158" | "4867168" | "4867685" | "4879668" | "4907973" | "4936862" | "5044956" | "5077608" | "5086401" | "5099846" | "5112228" | "5130794" | "5137458" | "5149270" | "5185561" | "5205289" | "5220260" | "5222499" | "5261404" | "5273038" | "5295694" | "5311422" | "5320326" | "5320537" | "5320538" | "5322441" | "5333106" | "5338198" | "5343871" | "5354202" | "5376007" | "5377116" | "5385474" | "5389865" | "5391081" | "5403191" | "5414337" | "5438529" | "5451924" |	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:15

		"5454722" | "5459382" | "5482472" | "5483254" | "5483961" | "5509810" | "5510832" | "5513992" | "5518406" | "5531227" | "5546943" | "5552995" | "5559412" | "5576727" | "5589854" | "5593306" | "5609485" | "5623582" | "5629594" | "5666138" | "5682886" | "5687259" | "5691898" | "5701140" | "5704791" | "5721566" | "5722836" | "5724264" | "5731804" | "5734373" | "5739811" | "5740802" | "5742278" | "5755577" | "5766016" | "5767839" | "5768134" | "5769640" | "5791908" | "5800177" | "5800178" | "5800179" | "5805140" | "5807115" | "5821920" | "5825308" | "5825841" | "5828197" | "5853292" | "5873731" | "5873732" | "5880976" | "5882206" | "5882207" | "5890908" | "5891131" | "5909380" | "5941710" | "5945056" | "5947743" | "5950629" | "5951301" | "5956040" | "5967790" | "5995738" | "6038488" | "6106301" | "D233238" | "D272833").PN. OR ("D392878").PN. OR ("6470302").URPN.				
S439	1897	434/262-275.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:15
S440	110	S439 and palpat$4	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:15
S441	59	S440 and (artery or vein or vascular)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:15
S442	64	S440 and (arter$4 or vein or vascular)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:15
S443	9	("5073140" | "5733131" | "5823787" | "5941710" | "6215057").PN. OR ("6461165").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:15
S444	65	S440 and (arter$4 or vein or vascular or "blood vessel")	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:15

S445	39	S440 and pulse	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:15
S446	8	("2451200" | "2871579" | "3055356" | "3662076" | "4182054").PN. OR ("4380439").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:15
S447	26	("3055356" | "3154881" | "3562925" | "3564729"). PN. OR ("3662076").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:15
S448	26	("3055356" | "3154881" | "3562925" | "3564729"). PN. OR ("3662076").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:15
S449	1	"7202851".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:15
S450	260	("20010016804" | "20020021277" | "20030031993" | "2832073" | "2972140" | "3157853" | "3220121" | "3226846" | "3497668" | "3517446" | "3520060" | "3623064" | "3662076" | "3775865" | "3902687" | "3903614" | "3911416" | "3919691" | "3994282" | "4052981" | "4127752" | "4160508" | "4236325" | "4262549" | "4321047" | "4333070" | "4360345" | "4391282" | "4439162" | "4459113" | "4464117" | "4484191" | "4513235" | "4581491" | "4599070" | "4638798" | "4642055" | "4664130" | "4685464" | "4708656" | "4713007" | "4726772" | "4750487" | "4773865" | "4787051" | "4789340" | "4791934" | "4794392" | "4795296" | "4825872" | "4868549" | "4885565" | "4891764" | "4896554" | "4907973" | "4930770" | "4934694" | "4949119" | "5019761" | "5022384" | "5022407" | "5035242" | "5038089" | "5044956" | "5050608" | "5078152" | "5086401" | "5107262" | "5112228" | "5121747" | "5131844" | "5137458" | "5146566" | "5149270" | "5165897" | "5175459" | "5184319" |	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:15

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"5454722").PN. OR
("5466213" | "5467763" |
"5482472" | "5483961" |
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"5510832" | "5513992" |
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"5575761" | "5583478" |
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"5593306" | "5598269" |
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"5667517" | "5684722" |
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"5742278" | "5754023" |
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"5873732" | "5880714" |
"5882206" | "5882207" |

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S451	178	"434"/$.ccls. and vascular	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:15
S452	50	S451 and vein	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:15
S453	141	("3226846" | "3304434" | "3541541" | "3748366" | "3775865" | "4321047" | "4360345" | "4409479" | "4459113" | "4490810" | "4642055" | "4712101" | "4726772" | "4767333" | "4773865" | "4789340" | "4804328" | "4807158" | "4867168" | "4867685" | "4879668" | "4907973" | "4936862" | "5044956" | "5077608" | "5086401" | "5099846" | "5112228" | "5130794" | "5137458" | "5149270" | "5185561" | "5205289" | "5220260" |	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:15

		"5222499" | "5261404" | "5273038" | "5295694" | "5311422" | "5320326" | "5320537" | "5320538" | "5322441" | "5333106" | "5338198" | "5343871" | "5354202" | "5376007" | "5377116" | "5385474" | "5389865" | "5391081" | "5403191" | "5414337" | "5438529" | "5451924" | "5454722" | "5459382" | "5482472" | "5483254" | "5483961" | "5509810" | "5510832" | "5513992" | "5518406" | "5531227" | "5546943" | "5552995" | "5559412" | "5576727" | "5589854" | "5593306" | "5609485" | "5623582" | "5629594" | "5666138" | "5682886" | "5687259" | "5691898" | "5701140" | "5704791" | "5721566" | "5722836" | "5724264" | "5731804" | "5734373" | "5739811" | "5740802" | "5742278" | "5755577" | "5766016" | "5767839" | "5768134" | "5769640" | "5791908" | "5800177" | "5800178" | "5800179" | "5805140" | "5807115" | "5821920" | "5825308" | "5825841" | "5828197" | "5853292" | "5873731" | "5873732" | "5880976" | "5882206" | "5882207" | "5890908" | "5891131" | "5909380" | "5941710" | "5945056" | "5947743" | "5950629" | "5951301" | "5956040" | "5967790" | "5995738" | "6038488" | "6106301" | "D233238" | "D272833").PN. OR ("D392878").PN. OR ("6470302").URPN.				
S454	11	(("20030069719") or ("20040002045") or ("3722108") or ("6568941") or ("6470302")).PN.	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2009/08/25 13:15

| S455 | 49 | (("20050214725") or ("20050214724") or ("5620419") or ("6296847") or ("5281199") or ("5350360") or ("5417656") or ("5476451") or ("5503630") or ("5527277") or ("5527278") or ("5531684") or ("5542923") or ("5556381") or ("5792123") or ("6190352") or ("5792104") or ("6527754") or ("20030181878") or ("20040204692") or ("5749371") or ("6761725") or ("6475753") or ("5520632") or ("20040176690") or ("20050157939") or ("5599317") or ("20060224129") or ("4915113") or ("5931829") or ("6238369") or ("5460612") or ("5531701") or ("5533988") or ("6197001") or ("4772261") or ("4822341") or ("5332398") or ("5421814") or ("5562617") or ("5713859") or ("5755780") or ("5944688") or ("5989206") or ("5989239") or ("6056717") or ("6228088") or ("4318401") or ("5176653")).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/08/25 13:15 |

| S456 | 141 | ("3226846" \| "3304434" \| "3541541" \| "3748366" \| "3775865" \| "4321047" \| "4360345" \| "4409479" \| "4459113" \| "4490810" \| "4642055" \| "4712101" \| "4726772" \| "4767333" \| "4773865" \| "4789340" \| "4804328" \| "4807158" \| "4867168" \| "4867685" \| "4879668" \| "4907973" \| "4936862" \| "5044956" \| "5077608" \| "5086401" \| "5099846" \| "5112228" \| "5130794" \| "5137458" \| "5149270" \| "5185561" \| "5205289" \| "5220260" \| "5222499" \| "5261404" \| "5273038" \| "5295694" \| "5311422" \| "5320326" \| "5320537" \| "5320538" \| "5322441" \| "5333106" \| "5338198" \| "5343871" \| "5354202" \| "5376007" \| "5377116" \| "5385474" \| "5389865" \| "5391081" \| "5403191" \| "5414337" \| "5438529" \| "5451924" \| "5454722" \| "5459382" \| "5482472" \| "5483254" \| "5483961" \| "5509810" \| "5510832" \| "5513992" \| "5518406" \| "5531227" \| "5546943" \| "5552995" \| "5559412" \| "5576727" \| "5589854" \| "5593306" \| "5609485" \| "5623582" \| "5629594" \| "5666138" \| "5682886" \| "5687259" \| "5691898" \| "5701140" \| "5704791" \| "5721566" \| "5722836" \| "5724264" \| "5731804" \| "5734373" \| "5739811" \| "5740802" \| "5742278" \| "5755577" \| "5766016" \| "5767839" \| "5768134" \| "5769640" \| "5791908" \| "5800177" \| "5800178" \| "5800179" \| "5805140" \| "5807115" \| "5821920" \| "5825308" \| "5825841" \| "5828197" \| "5853292" \| "5873731" \| "5873732" \| "5880976" \| "5882206" \| "5882207" \| "5890908" \| "5891131" \| | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/08/25 13:15 |

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S457	1	S456 and skin and vein and palpat$4	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:15
S458	178	"434"/$.ccls. and vascular	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:15
S459	50	S458 and vein	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:15
S460	11	(("20030069719") or ("20040002045") or ("3722108") or ("6568941") or ("6470302")).PN.	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2009/08/25 13:15
S461	49	(("20050214725") or ("20050214724") or ("5620419") or ("6296847") or ("5281199") or ("5350360") or ("5417656") or ("5476451") or ("5503630") or ("5527277") or ("5527278") or ("5531684") or ("5542923") or ("5556381") or ("5792123") or ("6190352") or ("5792104") or ("6527754") or ("20030181878") or ("20040204692") or ("5749371") or ("6761725") or ("6475753") or ("5520632") or ("20040176690") or ("20050157939") or ("5599317") or ("20060224129") or ("4915113") or ("5931829") or ("6238369") or ("5460612") or ("5531701") or	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:15

		("5533988") or ("6197001") or ("4772261") or ("4822341") or ("5332398") or ("5421814") or ("5562617") or ("5713859") or ("5755780") or ("5944688") or ("5989206") or ("5989239") or ("6056717") or ("6228088") or ("4318401") or ("5176653")).PN.				
S462	362	S458 or S459 or S456 or S460 or S461	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:15
S463	144	S462 and (vein or artery)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:15
S464	46	S463 and palpat$4	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:15
S465	6	S464 and stiffness	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:15
S466	9	S464 and stretch	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:15
S467	13	S463 and stretch	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:15
S468	24	S463 and stiffness	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:15
S469	2	(("3947974") or ("20040048230")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:15
S470	6	(("4360345") or ("4915635") or ("3520071") or ("6638073") or ("20040048230")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:15
S471	0	("vascularaccess").PN.	USPAT; USOCR	OR	OFF	2009/08/25 13:15
S472	4418	"vascular access"	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:15
S473	428	S472 and simulat$4	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:15
S474	11	S473 and "434"/$.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:16

S475	12	S472 and "434"/$.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:16
S476	1900	434/262-275.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:16
S477	366	S476 and magnet$4	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:16
S478	74	S477 and (vein or artery)	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:16
S479	43	"434"/$.ccls. and (vein or artery) and occlusion	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:16
S480	0	"434"/$.ccls. and (vein or artery) and (position near measure)	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:16
S481	11	"434"/$.ccls. and (skin near stretch)	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:16
S482	3	"434"/262-275.ccls. and (vein or artery) near (stiff $4 or rigid$4)	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:16
S483	4418	"VASCULAR ACCESS"	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:16
S484	0	S483 and 434/S.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:16
S485	12	S483 and "434"/$.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:16
S486	141	("3226846" | "3304434" | "3541541" | "3748366" | "3775865" | "4321047" | "4360345" | "4409479" | "4459113" | "4490810" | "4642055" | "4712101" | "4726772" | "4767333" | "4773865" | "4789340" | "4804328" | "4807158" | "4867168" | "4867685" | "4879668" | "4907973" | "4936862" | "5044956" | "5077608" | "5086401" | "5099846" | "5112228" | "5130794" | "5137458" | "5149270" | "5185561" | "5205289" | "5220260" | "5222499" | "5261404" | "5273038" | "5295694" |	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:16

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"5322441" | "5333106" |
"5338198" | "5343871" |
"5354202" | "5376007" |
"5377116" | "5385474" |
"5389865" | "5391081" |
"5403191" | "5414337" |
"5438529" | "5451924" |
"5454722" | "5459382" |
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"5510832" | "5513992" |
"5518406" | "5531227" |
"5546943" | "5552995" |
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"5629594" | "5666138" |
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"5691898" | "5701140" |
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"5739811" | "5740802" |
"5742278" | "5755577" |
"5766016" | "5767839" |
"5768134" | "5769640" |
"5791908" | "5800177" |
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"5821920" | "5825308" |
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"5890908" | "5891131" |
"5909380" | "5941710" |
"5945056" | "5947743" |
"5950629" | "5951301" |
"5956040" | "5967790" |
"5995738" | "6038488" |
"6106301" | "D233238" |
"D272833").PN. OR
("D392878").PN. OR
("6470302").URPN.

| S487 | 178 | "434"/$.ccls. and vascular | US-PGPUB; USPAT; USOCR; FPRS | OR | OFF | 2009/08/25 13:16 |
| S488 | 50 | S487 and vein | US-PGPUB; USPAT; USOCR; FPRS | OR | OFF | 2009/08/25 13:16 |

| S489 | 49 | (("20050214725") or ("20050214724") or ("5620419") or ("6296847") or ("5281199") or ("5350360") or ("5417656") or ("5476451") or ("5503630") or ("5527277") or ("5527278") or ("5531684") or ("5542923") or ("5556381") or ("5792123") or ("6190352") or ("5792104") or ("6527754") or ("20030181878") or ("20040204692") or ("5749371") or ("6761725") or ("6475753") or ("5520632") or ("20040176690") or ("20050157939") or ("5599317") or ("20060224129") or ("4915113") or ("5931829") or ("6238369") or ("5460612") or ("5531701") or ("5533988") or ("6197001") or ("4772261") or ("4822341") or ("5332398") or ("5421814") or ("5562617") or ("5713859") or ("5755780") or ("5944688") or ("5989206") or ("5989239") or ("6056717") or ("6228088") or ("4318401") or ("5176653")).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/08/25 13:16 |
| S490 | 11 | (("20030069719") or ("20040002045") or ("3722108") or ("6568941") or ("6470302")).PN. | US-PGPUB; USPAT; USOCR; EPO; DERWENT | OR | OFF | 2009/08/25 13:16 |

| S491 | 141 | ("3226846" \| "3304434" \| "3541541" \| "3748366" \| "3775865" \| "4321047" \| "4360345" \| "4409479" \| "4459113" \| "4490810" \| "4642055" \| "4712101" \| "4726772" \| "4767333" \| "4773865" \| "4789340" \| "4804328" \| "4807158" \| "4867168" \| "4867685" \| "4879668" \| "4907973" \| "4936862" \| "5044956" \| "5077608" \| "5086401" \| "5099846" \| "5112228" \| "5130794" \| "5137458" \| "5149270" \| "5185561" \| "5205289" \| "5220260" \| "5222499" \| "5261404" \| "5273038" \| "5295694" \| "5311422" \| "5320326" \| "5320537" \| "5320538" \| "5322441" \| "5333106" \| "5338198" \| "5343871" \| "5354202" \| "5376007" \| "5377116" \| "5385474" \| "5389865" \| "5391081" \| "5403191" \| "5414337" \| "5438529" \| "5451924" \| "5454722" \| "5459382" \| "5482472" \| "5483254" \| "5483961" \| "5509810" \| "5510832" \| "5513992" \| "5518406" \| "5531227" \| "5546943" \| "5552995" \| "5559412" \| "5576727" \| "5589854" \| "5593306" \| "5609485" \| "5623582" \| "5629594" \| "5666138" \| "5682886" \| "5687259" \| "5691898" \| "5701140" \| "5704791" \| "5721566" \| "5722836" \| "5724264" \| "5731804" \| "5734373" \| "5739811" \| "5740802" \| "5742278" \| "5755577" \| "5766016" \| "5767839" \| "5768134" \| "5769640" \| "5791908" \| "5800177" \| "5800178" \| "5800179" \| "5805140" \| "5807115" \| "5821920" \| "5825308" \| "5825841" \| "5828197" \| "5853292" \| "5873731" \| "5873732" \| "5880976" \| "5882206" \| "5882207" \| "5890908" \| "5891131" \| | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/08/25 13:16 |

		"5909380" | "5941710" | "5945056" | "5947743" | "5950629" | "5951301" | "5956040" | "5967790" | "5995738" | "6038488" | "6106301" | "D233238" | "D272833").PN. OR ("D392878").PN. OR ("6470302").URPN.				
S492	178	"434"/$.ccls. and vascular	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:16
S493	49	(("20050214725") or ("20050214724") or ("5620419") or ("6296847") or ("5281199") or ("5350360") or ("5417656") or ("5476451") or ("5503630") or ("5527277") or ("5527278") or ("5531684") or ("5542923") or ("5556381") or ("5792123") or ("6190352") or ("5792104") or ("6527754") or ("20030181878") or ("20040204692") or ("5749371") or ("6761725") or ("6475753") or ("5520632") or ("20040176690") or ("20050157939") or ("5599317") or ("20060224129") or ("4915113") or ("5931829") or ("6238369") or ("5460612") or ("5531701") or ("5533988") or ("6197001") or ("4772261") or ("4822341") or ("5332398") or ("5421814") or ("5562617") or ("5713859") or ("5755780") or ("5944688") or ("5989206") or	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:16

		("5989239") or ("6056717") or ("6228088") or ("4318401") or ("5176653")).PN.				
S494	11	(("20030069719") or ("20040002045") or ("3722108") or ("6568941") or ("6470302")).PN.	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2009/08/25 13:16
S495	50	S492 and vein	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:16
S496	362	S492 or S495 or S491 or S494 or S493	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:16
S497	144	S496 and (vein or artery)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:16
S498	46	S497 and palpat$4	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:16
S499	6	S498 and stiffness	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:16
S500	4418	"vascular access"	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:16
S501	9	S498 and stretch	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:16
S502	1	S491 and skin and vein and palpat$4	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:16
S503	13	S497 and stretch	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:16
S504	0	("vascularaccess").PN.	USPAT; USOCR	OR	OFF	2009/08/25 13:16
S505	24	S497 and stiffness	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:16
S506	2	(("3947974") or ("20040048230")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:16
S507	6	(("4360345") or ("4915635") or ("3520071") or ("6638073") or ("20040048230")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:16
S508	428	S500 and simulat$4	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:16
S509	11	S508 and "434"/$.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:16

S510	12	S500 and "434"/$.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:16
S511	1900	434/262-275.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:16
S512	366	S511 and magnet$4	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:16
S513	74	S512 and (vein or artery)	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:16
S514	0	"434"/$.ccls. and (vein or artery) and (position near measure)	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:16
S515	3	"434"/262-275.ccls. and (vein or artery) near (stiff $4 or rigid$4)	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:16
S516	11	"434"/$.ccls. and (skin near stretch)	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:16
S517	43	"434"/$.ccls. and (vein or artery) and occlusion	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:16
S518	4418	"VASCULAR ACCESS"	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:16
S519	12	S518 and "434"/$.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:16
S520	0	S518 and 434/S.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:16
S521	17	(("3704529") or ("4134218") or ("4850960") or ("5472345") or ("5821920") or ("5853292") or ("6038488") or ("6088020") or ("6527558") or ("6538634") or ("7182602") or ("20030031993") or ("20030210259") or ("20040024418") or ("20040030303") or ("20040076940") or ("20040097806")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:16

S522	81	"434"/$.ccls. and magnet $4 and "force feedback"	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:16
S523	1	"6106301".pn.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:16
S524	5	("3919691" | "4840567" | "5719561" | "6326901" | "6694652").PN. OR ("7271707").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:16
S525	141	("3226846" | "3304434" | "3541541" | "3748366" | "3775865" | "4321047" | "4360345" | "4409479" | "4459113" | "4490810" | "4642055" | "4712101" | "4726772" | "4767333" | "4773865" | "4789340" | "4804328" | "4807158" | "4867168" | "4867685" | "4879668" | "4907973" | "4936862" | "5044956" | "5077608" | "5086401" | "5099846" | "5112228" | "5130794" | "5137458" | "5149270" | "5185561" | "5205289" | "5220260" | "5222499" | "5261404" | "5273038" | "5295694" | "5311422" | "5320326" | "5320537" | "5320538" | "5322441" | "5333106" | "5338198" | "5343871" | "5354202" | "5376007" | "5377116" | "5385474" | "5389865" | "5391081" | "5403191" | "5414337" | "5438529" | "5451924" | "5454722" | "5459382" | "5482472" | "5483254" | "5483961" | "5509810" | "5510832" | "5513992" | "5518406" | "5531227" | "5546943" | "5552995" | "5559412" | "5576727" | "5589854" | "5593306" | "5609485" | "5623582" | "5629594" | "5666138" | "5682886" | "5687259" | "5691898" | "5701140" | "5704791" | "5721566" | "5722836" | "5724264" | "5731804" | "5734373" | "5739811" | "5740802" | "5742278" | "5755577" |	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:16

		"5766016" | "5767839" | "5768134" | "5769640" | "5791908" | "5800177" | "5800178" | "5800179" | "5805140" | "5807115" | "5821920" | "5825308" | "5825841" | "5828197" | "5853292" | "5873731" | "5873732" | "5880976" | "5882206" | "5882207" | "5890908" | "5891131" | "5909380" | "5941710" | "5945056" | "5947743" | "5950629" | "5951301" | "5956040" | "5967790" | "5995738" | "6038488" | "6106301" | "D233238" | "D272833").PN. OR ("D392878").PN. OR ("6470302").URPN.					
S526	1897	434/262-275.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:16
S527	110	S526 and palpat$4	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:16
S528	59	S527 and (artery or vein or vascular)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:16
S529	64	S527 and (arter$4 or vein or vascular)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:16
S530	9	("5073140" | "5733131" | "5823787" | "5941710" | "6215057").PN. OR ("6461165").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:16
S531	65	S527 and (arter$4 or vein or vascular or "blood vessel")	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:16
S532	39	S527 and pulse	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:16
S533	8	("2451200" | "2871579" | "3055356" | "3662076" | "4182054").PN. OR ("4380439").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:16
S534	26	("3055356" | "3154881" | "3562925" | "3564729"). PN. OR ("3662076").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:16
S535	26	("3055356" | "3154881" | "3562925" | "3564729"). PN. OR ("3662076").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:16
S536	1	"7202851".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:16

| S537 | 260 | ("20010016804" \| "20020021277" \| "20030031993" \| "2832073" \| "2972140" \| "3157853" \| "3220121" \| "3226846" \| "3497668" \| "3517446" \| "3520060" \| "3623064" \| "3662076" \| "3775865" \| "3902687" \| "3903614" \| "3911416" \| "3919691" \| "3994282" \| "4052981" \| "4127752" \| "4160508" \| "4236325" \| "4262549" \| "4321047" \| "4333070" \| "4360345" \| "4391282" \| "4439162" \| "4459113" \| "4464117" \| "4484191" \| "4513235" \| "4581491" \| "4599070" \| "4638798" \| "4642055" \| "4664130" \| "4685464" \| "4708656" \| "4713007" \| "4726772" \| "4750487" \| "4773865" \| "4787051" \| "4789340" \| "4791934" \| "4794392" \| "4795296" \| "4825872" \| "4868549" \| "4885565" \| "4891764" \| "4896554" \| "4907973" \| "4930770" \| "4934694" \| "4949119" \| "5019761" \| "5022384" \| "5022407" \| "5035242" \| "5038089" \| "5044956" \| "5050608" \| "5078152" \| "5086401" \| "5107262" \| "5112228" \| "5121747" \| "5131844" \| "5137458" \| "5146566" \| "5149270" \| "5165897" \| "5175459" \| "5184319" \| "5185561" \| "5186629" \| "5186695" \| "5203563" \| "5205289" \| "5212473" \| "5217003" \| "5220260" \| "5230623" \| "5240417" \| "5251127" \| "5271290" \| "5273038" \| "5275174" \| "5283970" \| "5290276" \| "5295694" \| "5296871" \| "5299810" \| "5309140" \| "5320537" \| "5333106" \| "5334017" \| "5334027" \| "5338198" \| "5339723" \| "5351692" \| "5355148" \| "5368487" \| "5376007" \| "5385474" \| "5388992" \| | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/08/25 13:16 |

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"5625576" | "5629594" |
"5643087" | "5666138" |
"5667517" | "5684722" |
"5690582" | "5696537" |
"5704791" | "5709219" |
"5711746" | "5714978" |
"5720742" | "5722836" |
"5734373" | "5736978" |
"5742278" | "5754023" |
"5755577" | "5766016" |
"5769640" | "5779209" |
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"6004134" | "6005551" |
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		"6062865" | "6077082" | "6078308" | "6086528" | "6088017" | "6088019" | "6088020" | "6100874" | "6106301" | "6111577" | "6113395" | "6126450" | "6157367" | "6160489" | "6160907" | "6184868" | "6193519" | "6193653" | "6211861" | "6219034" | "6223100" | "6246391" | "6358187" | "6373463" | "6422941" | "6448977" | "6473069").PN. OR ("6507349" | "6618037"). PN. OR ("7202851").URPN.				
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S539	18	S511 and "magnetic force"	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:16
S540	1	("4134218").PN.	USPAT; USOCR	OR	OFF	2009/08/25 13:16
S541	1	S511 and hoballah.in.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:16
S542	178	"434"/$.ccls. and vascular	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:16
S543	50	S542 and vein	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:16
S544	141	("3226846" | "3304434" | "3541541" | "3748366" | "3775865" | "4321047" | "4360345" | "4409479" | "4459113" | "4490810" | "4642055" | "4712101" | "4726772" | "4767333" | "4773865" | "4789340" | "4804328" | "4807158" | "4867168" | "4867685" | "4879668" | "4907973" | "4936862" | "5044956" | "5077608" | "5086401" | "5099846" | "5112228" | "5130794" | "5137458" | "5149270" | "5185561" | "5205289" | "5220260" | "5222499" | "5261404" | "5273038" | "5295694" | "5311422" | "5320326" | "5320537" | "5320538" | "5322441" | "5333106" |	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:16

		"5338198"	"5343871"				
		"5354202"	"5376007" | "5377116"	"5385474" | "5389865"	"5391081" | "5403191"	"5414337" | "5438529"	"5451924" | "5454722"	"5459382" | "5482472"	"5483254" | "5483961"	"5509810" | "5510832"	"5513992" | "5518406"	"5531227" | "5546943"	"5552995" | "5559412"	"5576727" | "5589854"	"5593306" | "5609485"	"5623582" | "5629594"	"5666138" | "5682886"	"5687259" | "5691898"	"5701140" | "5704791"	"5721566" | "5722836"	"5724264" | "5731804"	"5734373" | "5739811"	"5740802" | "5742278"	"5755577" | "5766016"	"5767839" | "5768134"	"5769640" | "5791908"	"5800177" | "5800178"	"5800179" | "5805140"	"5807115" | "5821920"	"5825308" | "5825841"	"5828197" | "5853292"	"5873731" | "5873732"	"5880976" | "5882206"	"5882207" | "5890908"	"5891131" | "5909380"	"5941710" | "5945056"	"5947743" | "5950629"	"5951301" | "5956040"	"5967790" | "5995738"	"6038488" | "6106301"	"D233238" | "D272833").PN. OR ("D392878").PN. OR ("6470302").URPN.					
S545	11	(("20030069719") or ("20040002045") or ("3722108") or ("6568941") or ("6470302")).PN.	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2009/08/25 13:16

| S546 | 49 | (("20050214725") or ("20050214724") or ("5620419") or ("6296847") or ("5281199") or ("5350360") or ("5417656") or ("5476451") or ("5503630") or ("5527277") or ("5527278") or ("5531684") or ("5542923") or ("5556381") or ("5792123") or ("6190352") or ("5792104") or ("6527754") or ("20030181878") or ("20040204692") or ("5749371") or ("6761725") or ("6475753") or ("5520632") or ("20040176690") or ("20050157939") or ("5599317") or ("20060224129") or ("4915113") or ("5931829") or ("6238369") or ("5460612") or ("5531701") or ("5533988") or ("6197001") or ("4772261") or ("4822341") or ("5332398") or ("5421814") or ("5562617") or ("5713859") or ("5755780") or ("5944688") or ("5989206") or ("5989239") or ("6056717") or ("6228088") or ("4318401") or ("5176653")).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/08/25 13:16 |

| S547 | 141 | ("3226846" \| "3304434" \| "3541541" \| "3748366" \| "3775865" \| "4321047" \| "4360345" \| "4409479" \| "4459113" \| "4490810" \| "4642055" \| "4712101" \| "4726772" \| "4767333" \| "4773865" \| "4789340" \| "4804328" \| "4807158" \| "4867168" \| "4867685" \| "4879668" \| "4907973" \| "4936862" \| "5044956" \| "5077608" \| "5086401" \| "5099846" \| "5112228" \| "5130794" \| "5137458" \| "5149270" \| "5185561" \| "5205289" \| "5220260" \| "5222499" \| "5261404" \| "5273038" \| "5295694" \| "5311422" \| "5320326" \| "5320537" \| "5320538" \| "5322441" \| "5333106" \| "5338198" \| "5343871" \| "5354202" \| "5376007" \| "5377116" \| "5385474" \| "5389865" \| "5391081" \| "5403191" \| "5414337" \| "5438529" \| "5451924" \| "5454722" \| "5459382" \| "5482472" \| "5483254" \| "5483961" \| "5509810" \| "5510832" \| "5513992" \| "5518406" \| "5531227" \| "5546943" \| "5552995" \| "5559412" \| "5576727" \| "5589854" \| "5593306" \| "5609485" \| "5623582" \| "5629594" \| "5666138" \| "5682886" \| "5687259" \| "5691898" \| "5701140" \| "5704791" \| "5721566" \| "5722836" \| "5724264" \| "5731804" \| "5734373" \| "5739811" \| "5740802" \| "5742278" \| "5755577" \| "5766016" \| "5767839" \| "5768134" \| "5769640" \| "5791908" \| "5800177" \| "5800178" \| "5800179" \| "5805140" \| "5807115" \| "5821920" \| "5825308" \| "5825841" \| "5828197" \| "5853292" \| "5873731" \| "5873732" \| "5880976" \| "5882206" \| "5882207" \| "5890908" \| "5891131" \| | US-PGPUB; USPAT; USOCR | OR | | OFF | 2009/08/25 13:16 |

		"5909380" | "5941710" | "5945056" | "5947743" | "5950629" | "5951301" | "5956040" | "5967790" | "5995738" | "6038488" | "6106301" | "D233238" | "D272833").PN. OR ("D392878").PN. OR ("6470302").URPN.				
S548	1	S547 and skin and vein and palpat$4	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:16
S549	178	"434"/$.ccls. and vascular	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:16
S550	50	S549 and vein	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:16
S551	11	(("20030069719") or ("20040002045") or ("3722108") or ("6568941") or ("6470302")).PN.	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2009/08/25 13:16
S552	49	(("20050214725") or ("20050214724") or ("5620419") or ("6296847") or ("5281199") or ("5350360") or ("5417656") or ("5476451") or ("5503630") or ("5527277") or ("5527278") or ("5531684") or ("5542923") or ("5556381") or ("5792123") or ("6190352") or ("5792104") or ("6527754") or ("20030181878") or ("20040204692") or ("5749371") or ("6761725") or ("6475753") or ("5520632") or ("20040176690") or ("20050157939") or ("5599317") or ("20060224129") or ("4915113") or ("5931829") or ("6238369") or ("5460612") or ("5531701") or	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:16

		("5533988") or ("6197001") or ("4772261") or ("4822341") or ("5332398") or ("5421814") or ("5562617") or ("5713859") or ("5755780") or ("5944688") or ("5989206") or ("5989239") or ("6056717") or ("6228088") or ("4318401") or ("5176653")).PN.				
S553	362	S549 or S550 or S547 or S551 or S552	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:16
S554	144	S553 and (vein or artery)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:16
S555	46	S554 and palpat$4	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:16
S556	6	S555 and stiffness	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:16
S557	9	S555 and stretch	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:16
S558	13	S554 and stretch	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:16
S559	24	S554 and stiffness	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:16
S560	2	(("3947974") or ("20040048230")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:16
S561	6	(("4360345") or ("4915635") or ("3520071") or ("6638073") or ("20040048230")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:16
S562	0	("vascularaccess").PN.	USPAT; USOCR	OR	OFF	2009/08/25 13:16
S563	4418	"vascular access"	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:16
S564	428	S563 and simulat$4	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:16
S565	11	S564 and "434"/$.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:16

S566	12	S563 and "434"/$.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:16
S567	1900	434/262-275.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:16
S568	366	S567 and magnet$4	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:16
S569	74	S568 and (vein or artery)	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:16
S570	43	"434"/$.ccls. and (vein or artery) and occlusion	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:16
S571	0	"434"/$.ccls. and (vein or artery) and (position near measure)	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:16
S572	11	"434"/$.ccls. and (skin near stretch)	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:16
S573	3	"434"/262-275.ccls. and (vein or artery) near (stiff $4 or rigid$4)	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:16
S574	4418	"VASCULAR ACCESS"	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:16
S575	0	S574 and 434/S.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:16
S576	12	S574 and "434"/$.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:16
S577	141	("3226846" | "3304434" | "3541541" | "3748366" | "3775865" | "4321047" | "4360345" | "4409479" | "4459113" | "4490810" | "4642055" | "4712101" | "4726772" | "4767333" | "4773865" | "4789340" | "4804328" | "4807158" | "4867168" | "4867685" | "4879668" | "4907973" | "4936862" | "5044956" | "5077608" | "5086401" | "5099846" | "5112228" | "5130794" | "5137458" | "5149270" | "5185561" | "5205289" | "5220260" | "5222499" | "5261404" | "5273038" | "5295694" |	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:16

"5311422" | "5320326" |
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"6106301" | "D233238" |
"D272833").PN. OR
("D392878").PN. OR
("6470302").URPN.

S578	178	"434"/$.ccls. and vascular	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:16
S579	50	S578 and vein	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:16

| S580 | 49 | (("20050214725") or ("20050214724") or ("5620419") or ("6296847") or ("5281199") or ("5350360") or ("5417656") or ("5476451") or ("5503630") or ("5527277") or ("5527278") or ("5531684") or ("5542923") or ("5556381") or ("5792123") or ("6190352") or ("5792104") or ("6527754") or ("20030181878") or ("20040204692") or ("5749371") or ("6761725") or ("6475753") or ("5520632") or ("20040176690") or ("20050157939") or ("5599317") or ("20060224129") or ("4915113") or ("5931829") or ("6238369") or ("5460612") or ("5531701") or ("5533988") or ("6197001") or ("4772261") or ("4822341") or ("5332398") or ("5421814") or ("5562617") or ("5713859") or ("5755780") or ("5944688") or ("5989206") or ("5989239") or ("6056717") or ("6228088") or ("4318401") or ("5176653")).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/08/25 13:16 |
| S581 | 11 | (("20030069719") or ("20040002045") or ("3722108") or ("6568941") or ("6470302")).PN. | US-PGPUB; USPAT; USOCR; EPO; DERWENT | OR | OFF | 2009/08/25 13:16 |

| S582 | 141 | ("3226846" \| "3304434" \| "3541541" \| "3748366" \| "3775865" \| "4321047" \| "4360345" \| "4409479" \| "4459113" \| "4490810" \| "4642055" \| "4712101" \| "4726772" \| "4767333" \| "4773865" \| "4789340" \| "4804328" \| "4807158" \| "4867168" \| "4867685" \| "4879668" \| "4907973" \| "4936862" \| "5044956" \| "5077608" \| "5086401" \| "5099846" \| "5112228" \| "5130794" \| "5137458" \| "5149270" \| "5185561" \| "5205289" \| "5220260" \| "5222499" \| "5261404" \| "5273038" \| "5295694" \| "5311422" \| "5320326" \| "5320537" \| "5320538" \| "5322441" \| "5333106" \| "5338198" \| "5343871" \| "5354202" \| "5376007" \| "5377116" \| "5385474" \| "5389865" \| "5391081" \| "5403191" \| "5414337" \| "5438529" \| "5451924" \| "5454722" \| "5459382" \| "5482472" \| "5483254" \| "5483961" \| "5509810" \| "5510832" \| "5513992" \| "5518406" \| "5531227" \| "5546943" \| "5552995" \| "5559412" \| "5576727" \| "5589854" \| "5593306" \| "5609485" \| "5623582" \| "5629594" \| "5666138" \| "5682886" \| "5687259" \| "5691898" \| "5701140" \| "5704791" \| "5721566" \| "5722836" \| "5724264" \| "5731804" \| "5734373" \| "5739811" \| "5740802" \| "5742278" \| "5755577" \| "5766016" \| "5767839" \| "5768134" \| "5769640" \| "5791908" \| "5800177" \| "5800178" \| "5800179" \| "5805140" \| "5807115" \| "5821920" \| "5825308" \| "5825841" \| "5828197" \| "5853292" \| "5873731" \| "5873732" \| "5880976" \| "5882206" \| "5882207" \| "5890908" \| "5891131" \| | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/08/25 13:16 |

		"5909380" | "5941710" | "5945056" | "5947743" | "5950629" | "5951301" | "5956040" | "5967790" | "5995738" | "6038488" | "6106301" | "D233238" | "D272833").PN. OR ("D392878").PN. OR ("6470302").URPN.				
S583	178	"434"/$.ccls. and vascular	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:16
S584	49	(("20050214725") or ("20050214724") or ("5620419") or ("6296847") or ("5281199") or ("5350360") or ("5417656") or ("5476451") or ("5503630") or ("5527277") or ("5527278") or ("5531684") or ("5542923") or ("5556381") or ("5792123") or ("6190352") or ("5792104") or ("6527754") or ("20030181878") or ("20040204692") or ("5749371") or ("6761725") or ("6475753") or ("5520632") or ("20040176690") or ("20050157939") or ("5599317") or ("20060224129") or ("4915113") or ("5931829") or ("6238369") or ("5460612") or ("5531701") or ("5533988") or ("6197001") or ("4772261") or ("4822341") or ("5332398") or ("5421814") or ("5562617") or ("5713859") or ("5755780") or ("5944688") or ("5989206") or	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:16

		("5989239") or ("6056717") or ("6228088") or ("4318401") or ("5176653")).PN.				
S585	11	(("20030069719") or ("20040002045") or ("3722108") or ("6568941") or ("6470302")).PN.	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2009/08/25 13:16
S586	50	S583 and vein	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:16
S587	362	S583 or S586 or S582 or S585 or S584	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:16
S588	144	S587 and (vein or artery)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:16
S589	46	S588 and palpat$4	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:16
S590	6	S589 and stiffness	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:16
S591	4418	"vascular access"	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:16
S592	9	S589 and stretch	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:16
S593	1	S582 and skin and vein and palpat$4	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:16
S594	13	S588 and stretch	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:16
S595	0	("vascularaccess").PN.	USPAT; USOCR	OR	OFF	2009/08/25 13:16
S596	24	S588 and stiffness	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:16
S597	2	(("3947974") or ("20040048230")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:16
S598	6	(("4360345") or ("4915635") or ("3520071") or ("6638073") or ("20040048230")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:16
S599	428	S591 and simulat$4	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:16
S600	11	S599 and "434"/$.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:16

S601	12	S591 and "434"/$.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:16
S602	1900	434/262-275.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:16
S603	366	S602 and magnet$4	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:16
S604	74	S603 and (vein or artery)	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:16
S605	0	"434"/$.ccls. and (vein or artery) and (position near measure)	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:16
S606	3	"434"/262-275.ccls. and (vein or artery) near (stiff $4 or rigid$4)	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:16
S607	11	"434"/$.ccls. and (skin near stretch)	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:16
S608	43	"434"/$.ccls. and (vein or artery) and occlusion	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:16
S609	4418	"VASCULAR ACCESS"	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:16
S610	12	S609 and "434"/$.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:16
S611	0	S609 and 434/S.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:16
S612	17	(("3704529") or ("4134218") or ("4850960") or ("5472345") or ("5821920") or ("5853292") or ("6038488") or ("6088020") or ("6527558") or ("6538634") or ("7182602") or ("20030031993") or ("20030210259") or ("20040024418") or ("20040030303") or ("20040076940") or ("20040097806")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:16

S613	81	"434"/$.ccls. and magnet $4 and "force feedback"	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:16
S614	1	"6106301".pn.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:16
S615	5	("3919691" | "4840567" | "5719561" | "6326901" | "6694652").PN. OR ("7271707").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:16
S616	141	("3226846" | "3304434" | "3541541" | "3748366" | "3775865" | "4321047" | "4360345" | "4409479" | "4459113" | "4490810" | "4642055" | "4712101" | "4726772" | "4767333" | "4773865" | "4789340" | "4804328" | "4807158" | "4867168" | "4867685" | "4879668" | "4907973" | "4936862" | "5044956" | "5077608" | "5086401" | "5099846" | "5112228" | "5130794" | "5137458" | "5149270" | "5185561" | "5205289" | "5220260" | "5222499" | "5261404" | "5273038" | "5295694" | "5311422" | "5320326" | "5320537" | "5320538" | "5322441" | "5333106" | "5338198" | "5343871" | "5354202" | "5376007" | "5377116" | "5385474" | "5389865" | "5391081" | "5403191" | "5414337" | "5438529" | "5451924" | "5454722" | "5459382" | "5482472" | "5483254" | "5483961" | "5509810" | "5510832" | "5513992" | "5518406" | "5531227" | "5546943" | "5552995" | "5559412" | "5576727" | "5589854" | "5593306" | "5609485" | "5623582" | "5629594" | "5666138" | "5682886" | "5687259" | "5691898" | "5701140" | "5704791" | "5721566" | "5722836" | "5724264" | "5731804" | "5734373" | "5739811" | "5740802" | "5742278" | "5755577" |	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:16

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S617	1897	434/262-275.ccls.	US-PGPUB; USPAT; USOCR	OR		OFF	2009/08/25 13:16
S618	110	S617 and palpat$4	US-PGPUB; USPAT; USOCR	OR		OFF	2009/08/25 13:16
S619	59	S618 and (artery or vein or vascular)	US-PGPUB; USPAT; USOCR	OR		OFF	2009/08/25 13:16
S620	64	S618 and (arter$4 or vein or vascular)	US-PGPUB; USPAT; USOCR	OR		OFF	2009/08/25 13:16
S621	9	("5073140" | "5733131" | "5823787" | "5941710" | "6215057").PN. OR ("6461165").URPN.	US-PGPUB; USPAT; USOCR	OR		OFF	2009/08/25 13:16
S622	65	S618 and (arter$4 or vein or vascular or "blood vessel")	US-PGPUB; USPAT; USOCR	OR		OFF	2009/08/25 13:16
S623	39	S618 and pulse	US-PGPUB; USPAT; USOCR	OR		OFF	2009/08/25 13:16
S624	8	("2451200" | "2871579" | "3055356" | "3662076" | "4182054").PN. OR ("4380439").URPN.	US-PGPUB; USPAT; USOCR	OR		OFF	2009/08/25 13:16
S625	26	("3055356" | "3154881" | "3562925" | "3564729"). PN. OR ("3662076").URPN.	US-PGPUB; USPAT; USOCR	OR		OFF	2009/08/25 13:16
S626	26	("3055356" | "3154881" | "3562925" | "3564729"). PN. OR ("3662076").URPN.	US-PGPUB; USPAT; USOCR	OR		OFF	2009/08/25 13:16
S627	1	"7202851".pn.	US-PGPUB; USPAT; USOCR	OR		OFF	2009/08/25 13:16

| S628 | 260 | ("20010016804" \| "20020021277" \| "20030031993" \| "2832073" \| "2972140" \| "3157853" \| "3220121" \| "3226846" \| "3497668" \| "3517446" \| "3520060" \| "3623064" \| "3662076" \| "3775865" \| "3902687" \| "3903614" \| "3911416" \| "3919691" \| "3994282" \| "4052981" \| "4127752" \| "4160508" \| "4236325" \| "4262549" \| "4321047" \| "4333070" \| "4360345" \| "4391282" \| "4439162" \| "4459113" \| "4464117" \| "4484191" \| "4513235" \| "4581491" \| "4599070" \| "4638798" \| "4642055" \| "4664130" \| "4685464" \| "4708656" \| "4713007" \| "4726772" \| "4750487" \| "4773865" \| "4787051" \| "4789340" \| "4791934" \| "4794392" \| "4795296" \| "4825872" \| "4868549" \| "4885565" \| "4891764" \| "4896554" \| "4907973" \| "4930770" \| "4934694" \| "4949119" \| "5019761" \| "5022384" \| "5022407" \| "5035242" \| "5038089" \| "5044956" \| "5050608" \| "5078152" \| "5086401" \| "5107262" \| "5112228" \| "5121747" \| "5131844" \| "5137458" \| "5146566" \| "5149270" \| "5165897" \| "5175459" \| "5184319" \| "5185561" \| "5186629" \| "5186695" \| "5203563" \| "5205289" \| "5212473" \| "5217003" \| "5220260" \| "5230623" \| "5240417" \| "5251127" \| "5271290" \| "5273038" \| "5275174" \| "5283970" \| "5290276" \| "5295694" \| "5296871" \| "5299810" \| "5309140" \| "5320537" \| "5333106" \| "5334017" \| "5334027" \| "5338198" \| "5339723" \| "5351692" \| "5355148" \| "5368487" \| "5376007" \| "5385474" \| "5388992" \| | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/08/25 13:16 |

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"6020876" | "6028593" |
"6038488" | "6061004" |

		"6062865" | "6077082" | "6078308" | "6086528" | "6088017" | "6088019" | "6088020" | "6100874" | "6106301" | "6111577" | "6113395" | "6126450" | "6157367" | "6160489" | "6160907" | "6184868" | "6193519" | "6193653" | "6211861" | "6219034" | "6223100" | "6246391" | "6358187" | "6373463" | "6422941" | "6448977" | "6473069").PN. OR ("6507349" | "6618037").PN. OR ("7202851").URPN.				
S629	178	"434"/$.ccls. and vascular	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:16
S630	50	S629 and vein	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:16
S631	141	("3226846" | "3304434" | "3541541" | "3748366" | "3775865" | "4321047" | "4360345" | "4409479" | "4459113" | "4490810" | "4642055" | "4712101" | "4726772" | "4767333" | "4773865" | "4789340" | "4804328" | "4807158" | "4867168" | "4867685" | "4879668" | "4907973" | "4936862" | "5044956" | "5077608" | "5086401" | "5099846" | "5112228" | "5130794" | "5137458" | "5149270" | "5185561" | "5205289" | "5220260" | "5222499" | "5261404" | "5273038" | "5295694" | "5311422" | "5320326" | "5320537" | "5320538" | "5322441" | "5333106" | "5338198" | "5343871" | "5354202" | "5376007" | "5377116" | "5385474" | "5389865" | "5391081" | "5403191" | "5414337" | "5438529" | "5451924" | "5454722" | "5459382" | "5482472" | "5483254" | "5483961" | "5509810" | "5510832" | "5513992" | "5518406" | "5531227" |	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:16

		"5546943" | "5552995" | "5559412" | "5576727" | "5589854" | "5593306" | "5609485" | "5623582" | "5629594" | "5666138" | "5682886" | "5687259" | "5691898" | "5701140" | "5704791" | "5721566" | "5722836" | "5724264" | "5731804" | "5734373" | "5739811" | "5740802" | "5742278" | "5755577" | "5766016" | "5767839" | "5768134" | "5769640" | "5791908" | "5800177" | "5800178" | "5800179" | "5805140" | "5807115" | "5821920" | "5825308" | "5825841" | "5828197" | "5853292" | "5873731" | "5873732" | "5880976" | "5882206" | "5882207" | "5890908" | "5891131" | "5909380" | "5941710" | "5945056" | "5947743" | "5950629" | "5951301" | "5956040" | "5967790" | "5995738" | "6038488" | "6106301" | "D233238" | "D272833").PN. OR ("D392878").PN. OR ("6470302").URPN.				
S632	11	(("20030069719") or "20040002045") or ("3722108") or ("6568941") or ("6470302")).PN.	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2009/08/25 13:16
S633	49	(("20050214725") or "20050214724") or ("5620419") or ("6296847") or ("5281199") or ("5350360") or ("5417656") or ("5476451") or ("5503630") or ("5527277") or ("5527278") or ("5531684") or ("5542923") or ("5556381") or ("5792123") or ("6190352") or ("5792104") or ("6527754") or ("20030181878") or	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:17

		("20040204692") or ("5749371") or ("6761725") or ("6475753") or ("5520632") or ("20040176690") or ("20050157939") or ("5599317") or ("20060224129") or ("4915113") or ("5931829") or ("6238369") or ("5460612") or ("5531701") or ("5533988") or ("6197001") or ("4772261") or ("4822341") or ("5332398") or ("5421814") or ("5562617") or ("5713859") or ("5755780") or ("5944688") or ("5989206") or ("5989239") or ("6056717") or ("6228088") or ("4318401") or ("5176653")).PN.				
S634	141	("3226846" | "3304434" | "3541541" | "3748366" | "3775865" | "4321047" | "4360345" | "4409479" | "4459113" | "4490810" | "4642055" | "4712101" | "4726772" | "4767333" | "4773865" | "4789340" | "4804328" | "4807158" | "4867168" | "4867685" | "4879668" | "4907973" | "4936862" | "5044956" | "5077608" | "5086401" | "5099846" | "5112228" | "5130794" | "5137458" | "5149270" | "5185561" | "5205289" | "5220260" | "5222499" | "5261404" | "5273038" | "5295694" | "5311422" | "5320326" | "5320537" | "5320538" | "5322441" | "5333106" | "5338198" | "5343871" | "5354202" | "5376007" | "5377116" | "5385474" | "5389865" | "5391081" |	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:17

		"5403191" | "5414337" | "5438529" | "5451924" | "5454722" | "5459382" | "5482472" | "5483254" | "5483961" | "5509810" | "5510832" | "5513992" | "5518406" | "5531227" | "5546943" | "5552995" | "5559412" | "5576727" | "5589854" | "5593306" | "5609485" | "5623582" | "5629594" | "5666138" | "5682886" | "5687259" | "5691898" | "5701140" | "5704791" | "5721566" | "5722836" | "5724264" | "5731804" | "5734373" | "5739811" | "5740802" | "5742278" | "5755577" | "5766016" | "5767839" | "5768134" | "5769640" | "5791908" | "5800177" | "5800178" | "5800179" | "5805140" | "5807115" | "5821920" | "5825308" | "5825841" | "5828197" | "5853292" | "5873731" | "5873732" | "5880976" | "5882206" | "5882207" | "5890908" | "5891131" | "5909380" | "5941710" | "5945056" | "5947743" | "5950629" | "5951301" | "5956040" | "5967790" | "5995738" | "6038488" | "6106301" | "D233238" | D272833").PN. OR ("D392878").PN. OR ("6470302").URPN.					
S635	1	S634 and skin and vein and palpat$4	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:17
S636	178	"434"/$.ccls. and vascular	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:17
S637	50	S636 and vein	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:17
S638	11	(("20030069719") or ("20040002045") or ("3722108") or ("6568941") or ("6470302")).PN.	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2009/08/25 13:17

S639	49	(("20050214725") or "20050214724") or ("5620419") or ("6296847") or ("5281199") or ("5350360") or ("5417656") or ("5476451") or ("5503630") or ("5527277") or ("5527278") or ("5531684") or ("5542923") or ("5556381") or ("5792123") or ("6190352") or ("5792104") or ("6527754") or ("20030181878") or ("20040204692") or ("5749371") or ("6761725") or ("6475753") or ("5520632") or ("20040176690") or ("20050157939") or ("5599317") or ("20060224129") or ("4915113") or ("5931829") or ("6238369") or ("5460612") or ("5531701") or ("5533988") or ("6197001") or ("4772261") or ("4822341") or ("5332398") or ("5421814") or ("5562617") or ("5713859") or ("5755780") or ("5944688") or ("5989206") or ("5989239") or ("6056717") or ("6228088") or ("4318401") or ("5176653")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:17
S640	362	S636 or S637 or S634 or S638 or S639	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:17
S641	144	S640 and (vein or artery)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:17
S642	46	S641 and palpat$4	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:17

S643	6	S642 and stiffness	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:17
S644	9	S642 and stretch	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:17
S645	13	S641 and stretch	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:17
S646	24	S641 and stiffness	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:17
S647	2	(("3947974") or ("20040048230")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:17
S648	6	(("4360345") or ("4915635") or ("3520071") or ("6638073") or ("20040048230")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:17
S649	0	("vascularaccess").PN.	USPAT; USOCR		OFF	2009/08/25 13:17
S650	4418	"vascular access"	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:17
S651	428	S650 and simulat$4	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:17
S652	11	S651 and "434"/$.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:17
S653	12	S650 and "434"/$.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:17
S654	1900	434/262-275.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:17
S655	366	S654 and magnet$4	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:17
S656	74	S655 and (vein or artery)	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:17
S657	43	"434"/$.ccls. and (vein or artery) and occlusion	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:17
S658	0	"434"/$.ccls. and (vein or artery) and (position near measure)	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:17
S659	11	"434"/$.ccls. and (skin near stretch)	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:17

S660	3	"434"/262-275.ccls. and (vein or artery) near (stiff $4 or rigid$4)	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:17
S661	4418	"VASCULAR ACCESS"	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:17
S662	0	S661 and 434/S.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:17
S663	12	S661 and "434"/$.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:17
S664	141	("3226846" | "3304434" | "3541541" | "3748366" | "3775865" | "4321047" | "4360345" | "4409479" | "4459113" | "4490810" | "4642055" | "4712101" | "4726772" | "4767333" | "4773865" | "4789340" | "4804328" | "4807158" | "4867168" | "4867685" | "4879668" | "4907973" | "4936862" | "5044956" | "5077608" | "5086401" | "5099846" | "5112228" | "5130794" | "5137458" | "5149270" | "5185561" | "5205289" | "5220260" | "5222499" | "5261404" | "5273038" | "5295694" | "5311422" | "5320326" | "5320537" | "5320538" | "5322441" | "5333106" | "5338198" | "5343871" | "5354202" | "5376007" | "5377116" | "5385474" | "5389865" | "5391081" | "5403191" | "5414337" | "5438529" | "5451924" | "5454722" | "5459382" | "5482472" | "5483254" | "5483961" | "5509810" | "5510832" | "5513992" | "5518406" | "5531227" | "5546943" | "5552995" | "5559412" | "5576727" | "5589854" | "5593306" | "5609485" | "5623582" | "5629594" | "5666138" | "5682886" | "5687259" | "5691898" | "5701140" | "5704791" | "5721566" | "5722836" | "5724264" | "5731804" | "5734373" |	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:17

		"5739811" | "5740802" | "5742278" | "5755577" | "5766016" | "5767839" | "5768134" | "5769640" | "5791908" | "5800177" | "5800178" | "5800179" | "5805140" | "5807115" | "5821920" | "5825308" | "5825841" | "5828197" | "5853292" | "5873731" | "5873732" | "5880976" | "5882206" | "5882207" | "5890908" | "5891131" | "5909380" | "5941710" | "5945056" | "5947743" | "5950629" | "5951301" | "5956040" | "5967790" | "5995738" | "6038488" | "6106301" | "D233238" | "D272833").PN. OR ("D392878").PN. OR ("6470302").URPN.				
S665	178	"434"/$.ccls. and vascular	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:17
S666	50	S665 and vein	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:17
S667	49	(("20050214725") or ("20050214724") or ("5620419") or ("6296847") or ("5281199") or ("5350360") or ("5417656") or ("5476451") or ("5503630") or ("5527277") or ("5527278") or ("5531684") or ("5542923") or ("5556381") or ("5792123") or ("6190352") or ("5792104") or ("6527754") or ("20030181878") or ("20040204692") or ("5749371") or ("6761725") or ("6475753") or ("5520632") or ("20040176690") or ("20050157939") or ("5599317") or	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:17

		("20060224129") or ("4915113") or ("5931829") or ("6238369") or ("5460612") or ("5531701") or ("5533988") or ("6197001") or ("4772261") or ("4822341") or ("5332398") or ("5421814") or ("5562617") or ("5713859") or ("5755780") or ("5944688") or ("5989206") or ("5989239") or ("6056717") or ("6228088") or ("4318401") or ("5176653")).PN.				
S668	11	(("20030069719") or ("20040002045") or ("3722108") or ("6568941") or ("6470302")).PN.	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2009/08/25 13:17
S669	141	("3226846" | "3304434" | "3541541" | "3748366" | "3775865" | "4321047" | "4360345" | "4409479" | "4459113" | "4490810" | "4642055" | "4712101" | "4726772" | "4767333" | "4773865" | "4789340" | "4804328" | "4807158" | "4867168" | "4867685" | "4879668" | "4907973" | "4936862" | "5044956" | "5077608" | "5086401" | "5099846" | "5112228" | "5130794" | "5137458" | "5149270" | "5185561" | "5205289" | "5220260" | "5222499" | "5261404" | "5273038" | "5295694" | "5311422" | "5320326" | "5320537" | "5320538" | "5322441" | "5333106" | "5338198" | "5343871" | "5354202" | "5376007" | "5377116" | "5385474" | "5389865" | "5391081" | "5403191" | "5414337" | "5438529" | "5451924" | "5454722" | "5459382" |	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:17

		"5482472" | "5483254" | "5483961" | "5509810" | "5510832" | "5513992" | "5518406" | "5531227" | "5546943" | "5552995" | "5559412" | "5576727" | "5589854" | "5593306" | "5609485" | "5623582" | "5629594" | "5666138" | "5682886" | "5687259" | "5691898" | "5701140" | "5704791" | "5721566" | "5722836" | "5724264" | "5731804" | "5734373" | "5739811" | "5740802" | "5742278" | "5755577" | "5766016" | "5767839" | "5768134" | "5769640" | "5791908" | "5800177" | "5800178" | "5800179" | "5805140" | "5807115" | "5821920" | "5825308" | "5825841" | "5828197" | "5853292" | "5873731" | "5873732" | "5880976" | "5882206" | "5882207" | "5890908" | "5891131" | "5909380" | "5941710" | "5945056" | "5947743" | "5950629" | "5951301" | "5956040" | "5967790" | "5995738" | "6038488" | "6106301" | "D233238" | "D272833").PN. OR ("D392878").PN. OR ("6470302").URPN.				
S670	178	"434"/$.ccls. and vascular	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:17
S671	49	(("20050214725") or ("20050214724") or ("5620419") or ("6296847") or ("5281199") or ("5350360") or ("5417656") or ("5476451") or ("5503630") or ("5527277") or ("5527278") or ("5531684") or ("5542923") or ("5556381") or ("5792123") or ("6190352") or ("5792104") or	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:17

("6527754") or
("20030181878") or
("20040204692") or
("5749371") or
("6761725") or
("6475753") or
("5520632") or
("20040176690") or
("20050157939") or
("5599317") or
("20060224129") or
("4915113") or
("5931829") or
("6238369") or
("5460612") or
("5531701") or
("5533988") or
("6197001") or
("4772261") or
("4822341") or
("5332398") or
("5421814") or
("5562617") or
("5713859") or
("5755780") or
("5944688") or
("5989206") or
("5989239") or
("6056717") or
("6228088") or
("4318401") or
("5176653")).PN.

S672	11	(("20030069719") or ("20040002045") or ("3722108") or ("6568941") or ("6470302")).PN.	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2009/08/25 13:17
S673	50	S670 and vein	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:17
S674	362	S670 or S673 or S669 or S672 or S671	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:17
S675	144	S674 and (vein or artery)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:17
S676	46	S675 and palpat$4	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:17
S677	6	S676 and stiffness	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:17
S678	4418	"vascular access"	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:17
S679	9	S676 and stretch	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:17

S680	1	S669 and skin and vein and palpat$4	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:17
S681	13	S675 and stretch	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:17
S682	0	("vascularaccess").PN.	USPAT; USOCR	OR	OFF	2009/08/25 13:17
S683	24	S675 and stiffness	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:17
S684	2	(("3947974") or ("20040048230")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:17
S685	6	(("4360345") or ("4915635") or ("3520071") or ("6638073") or ("20040048230")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:17
S686	428	S678 and simulat$4	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:17
S687	11	S686 and "434"/$.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:17
S688	12	S678 and "434"/$.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:17
S689	1900	434/262-275.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:17
S690	366	S689 and magnet$4	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:17
S691	74	S690 and (vein or artery)	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:17
S692	0	"434"/$.ccls. and (vein or artery) and (position near measure)	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:17
S693	3	"434"/262-275.ccls. and (vein or artery) near (stiff $4 or rigid$4)	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:17
S694	11	"434"/$.ccls. and (skin near stretch)	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:17
S695	43	"434"/$.ccls. and (vein or artery) and occlusion	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:17
S696	4418	"VASCULAR ACCESS"	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:17

S697	12	S696 and "434"/$.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:17
S698	0	S696 and 434/S.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:17
S699	17	(("3704529") or ("4134218") or ("4850960") or ("5472345") or ("5821920") or ("5853292") or ("6038488") or ("6088020") or ("6527558") or ("6538634") or ("7182602") or ("20030031993") or ("20030210259") or ("20040024418") or ("20040030303") or ("20040076940") or ("20040097806")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:17
S700	81	"434"/$.ccls. and magnet $4 and "force feedback"	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:17
S701	1	"6106301".pn.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:17
S702	5	("3919691" | "4840567" | "5719561" | "6326901" | "6694652").PN. OR ("7271707").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:17
S703	141	("3226846" | "3304434" | "3541541" | "3748366" | "3775865" | "4321047" | "4360345" | "4409479" | "4459113" | "4490810" | "4642055" | "4712101" | "4726772" | "4767333" | "4773865" | "4789340" | "4804328" | "4807158" | "4867168" | "4867685" | "4879668" | "4907973" | "4936862" | "5044956" | "5077608" | "5086401" | "5099846" | "5112228" | "5130794" | "5137458" | "5149270" | "5185561" | "5205289" | "5220260" | "5222499" | "5261404" | "5273038" | "5295694" | "5311422" | "5320326" | "5320537" | "5320538" |	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:17

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S704	1897	434/262-275.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:17
S705	110	S704 and palpat$4	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:17
S706	59	S705 and (artery or vein or vascular)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:17
S707	64	S705 and (arter$4 or vein or vascular)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:17

S708	9	("5073140" | "5733131" | "5823787" | "5941710" | "6215057").PN. OR ("6461165").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:17
S709	65	S705 and (arter$4 or vein or vascular or "blood vessel")	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:17
S710	39	S705 and pulse	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:17
S711	8	("2451200" | "2871579" | "3055356" | "3662076" | "4182054").PN. OR ("4380439").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:17
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S715	260	("20010016804" | "20020021277" | "20030031993" | "2832073" | "2972140" | "3157853" | "3220121" | "3226846" | "3497668" | "3517446" | "3520060" | "3623064" | "3662076" | "3775865" | "3902687" | "3903614" | "3911416" | "3919691" | "3994282" | "4052981" | "4127752" | "4160508" | "4236325" | "4262549" | "4321047" | "4333070" | "4360345" | "4391282" | "4439162" | "4459113" | "4464117" | "4484191" | "4513235" | "4581491" | "4599070" | "4638798" | "4642055" | "4664130" | "4685464" | "4708656" | "4713007" | "4726772" | "4750487" | "4773865" | "4787051" | "4789340" | "4791934" | "4794392" | "4795296" | "4825872" | "4868549" | "4885565" | "4891764" | "4896554" | "4907973" | "4930770" | "4934694" | "4949119" | "5019761" | "5022384" | "5022407" |	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 13:17

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S717	18	S689 and "magnetic force"	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:17
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S719	1	S689 and hoballah.in.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:17
S720	1900	434/262-275.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:17

S721	110	S720 and palpat$4	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:17
S722	55	S721 and (vein or artery)	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:17
S723	24	S721 and breast and pressure	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:17
S724	24	S723 and pressure	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:17
S725	1	"6398557".pn.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/08/25 13:17

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